PUBLIC WORKS DEPARTMENT

(BOMBAY PRESIDENCY)

ADMINISTRATION REPORT FOR THE YEAR 1920-21

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PART II

IRRIGATION WORKS

ACCOUNTS AND STATISTICAL STATEMENTS

(Part I—Civil and Military Works—is issued separately)

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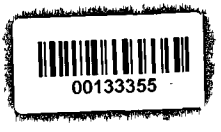

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ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1920-21.

I.—GENERAL.

A.—Details of Direct Expenditure.

In the year 1920-21 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 111½ lakhs compared with Rs. 100¾ lakhs in the previous year, and Rs. 83¾ lakhs, the average of the last three years. The total is classified and divided between the Presidency proper and Sind as follows:—

	Deccan and Gujarát.	Sind.	Total.
	Rs.	Rs.	Rs.
Works ...	29,94,553	9,07,521	39,02,079
Repairs ...	5,15,060	37,47,324	42,62,384
Establishment ...	11,80,786	14,75,181	26,55,967
Tools and Plant ...	1,38,269	58,044	1,96,313
Refunds of Revenue ...	42,835	616	43,511
Gratuitous Relief ...	12,766	.....	12,766
Suspense Account ...	96,672	—10,029	86,643
Receipts on Capital Accounts ...	—4,736	.....	—4,736
Total ...	49,76,470	61,79,257	1,11,55,727

2. The distribution of the above expenditure under Major Heads of Accounts is given below:—

Heads.		Amount.	Remarks.
	Rs.	Rs.	
Capital Account—			
Major Works—			
Protective Works	...(a) 37,59,034		
Productive Works	...(b) 39,611		
		37,98,645	Imperial.
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept	... .	2,34,693	Half Imperial and half Provincial.
Revenue Account—			
Major Works—			
Protective Works	... 4,04,815		
Productive Works	... 24,35,566		
		28,40,381	Do.
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept	... 6,63,336		
Works for which only Revenue Accounts are kept ...	... 13,59,794		
		20,23,130	Do.
Works for which neither Capital nor Revenue Accounts are kept—			
Agricultural Works	... 20,67,644		Do.
Contribution Works	... 6,989		Deposit contribution.
		20,74,633	
Construction of Protective Works	.....	37,722	Imperial.
Famine Relief outlay on Irrigation Works ...	... ..	1,41,473	Three-fourths Imperial and one-fourth Provincial.
	Grand Total ...	1,11,55,727	

(a) Includes expenditure in England, Rs. 92,913.
(b) Do. do. Rs. 10.

B.—Figures for Capital Works only.

3. The receipts on Capital Irrigation Works alone compared with the year's expenditure show a profit of Rs. 5,91,275 in Sind and a loss of Rs. 23,45,443 in the Deccan and Gujarát :—

Class of works.		Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	Direct expenditure.		
					Capital	Working expenses (including the share of collection charges.)	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation Works.	Deccan and Gujarát.	20,81,107	7,932	20,88,499	37,64,671	7,47,272	45,11,943
	Sind	1,94,755	17,99,170	19,93,926	39,611	22,87,568	23,27,179
Minor Irrigation Works for which Capital and Revenue Accounts are kept.	Deccan and Gujarát.	2,34,014	18,489	2,52,503	—208	1,74,710	1,74,502
	Sind	59,682	17,09,810	17,69,492	2,29,264	6,06,700	8,35,964
Total, Deccan and Gujarát ...		23,15,121	25,861	23,41,002	37,64,463	9,21,982	46,86,445
Total, Sind ...		2,54,437	34,99,980	37,54,418	2,68,875	28,94,268	31,63,143
Grand Total, Deccan and Gujarát and Sind 1920-21		25,69,559	35,25,861	60,95,420	40,33,338	38,16,250	78,49,588
Grand Total, average of last three years ...		18,40,066	43,81,320	62,21,386	30,24,750	27,87,499	58,12,249

4. The area under irrigation showed, on the whole, a decrease of 96,833 acres when compared with the average of the last triennium. These areas and estimated values of crops grown are contrasted in the following statement :—

Class of works.	Area.			Value.		
	1920-21.	Average of 3 years ending 1919-20.	Difference.	1920-21.	Average of 3 years ending 1919-20.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Major Works—						
Deccan and Gujarat ...	210,482	155,628	54,804	2,97,83,337	2,49,28,158	1,48,55,179
Sind	1,107,971	1,241,081	—1,33,110	2,84,02,688	4,40,88,264	—156,85,576
Total ...	1,318,403	1,396,709	—78,306	6,81,86,025	6,90,16,422	—330,397
Minor Works—						
Deccan and Gujarat ...	62,955	46,287	16,668	33,16,085	29,98,201	3,17,784
Sind	922,861	958,056	—35,195	1,81,24,129	2,18,87,806	—37,63,677
Total ...	985,816	1,004,343	—18,527	2,19,40,214	2,48,86,107	—29,45,893
Grand Total ...	2,304,219	2,401,052	—96,833	9,01,26,239	9,39,02,529	—37,76,290

C.—Figures for other than Capital Works.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept. The receipts on these works are principally in the form of a share of the Land Revenue and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements, accompanying the Irrigation Administration Report, are very small, being for direct revenue only, viz., proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large

but it fluctuates to some extent with the seasons. The following statements give a comparison of this year's and the average of the last three years' figures :—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
Minor Works—	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept. Deccan and Gujarat	32,197	4,55,330	4,87,527	1,90,365	2,97,162
Works for which only Revenue Accounts are kept. Sind	56,623	20,93,700	21,55,323	13,40,562	8,14,761
Total for 1920-21 ...	88,820	25,54,030	26,42,850	15,30,927	11,11,923
Average total for triennium ending 1919-20 ...	89,048	26,91,845	27,80,893	12,71,772	15,08,821
Works for which neither Capital nor Revenue Accounts are kept. Deccan and Gujarat.	16,945	.....	16,945	75,916	—58,971
Works for which neither Capital nor Revenue Accounts are kept. Sind ...	13,348	9,36,165	9,49,513	20,78,487	—11,28,974
Total for 1920-21 ...	30,293	9,36,165	9,66,458	21,54,403	—11,87,945
Average total for triennium ending 1919-20...	31,049	9,37,640	9,68,689	16,53,640	—6,85,051
Grand Total for 1920-21 ...	1,19,113	34,90,195	36,09,308	36,85,330	—76,022

NOTE.—In this report whenever the average is referred to, it is the average of the last three years, unless otherwise defined.

Class of works.	Area.			Value.		
	1920-21.	Average of the triennium ending 1919-20.	Difference.	1920-21.	Average of the triennium ending 1919-20.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Minor Works—						
Works for which only Revenue Accounts are kept—						
Deccan and Gujarat ...	154,393	139,876	14,517	90,80,219	68,57,326	22,22,893
Sind ...	948 852	981,501	—32,649	3,35,26,565	2,49,57,655	85,68,910
Total ...	1,103,245	1,121,377	—18,132	4,26,06,784	3,18,14,981	1,07,91,803
Works for which neither Capital nor Revenue Accounts are kept—						
Deccan and Gujarat ...	2,930	1,993	937	2,50,930	1,00,994	1,49,936
Sind ...	27,335	26,176	1,159	10,87,935	7,87,050	3,00,885
Total ...	30,265	28,139	2,126	13,37,955	8,87,144	4,50,811
Grand Total ...	1,133,510	1,149,516	—16,006	4,39,44,739	3,27,02,125	1,12,42,614

D.—REVIEW OF IRRIGATION.

Description of Irrigation.

6. In Sind the rainfall is usually negligible and cultivation depends almost entirely on canal irrigation which in its turn is dependent on the inundation of the river Indus.

Inundation and rainfall in Sind.

7. The inundation of 1920 was on the whole unsatisfactory, as the river was low both in June and September. The rainfall was slight and did little good to cultivation.

Irrigation and rainfall in the Deccan and Gujarat.

8. In the Deccan and Gujarat cultivation depends mainly upon rainfall and the tanks and canals are useful for the purpose of growing the more valuable crops or to counteract, if necessary, the evil effects of a deficient rainfall. The irrigation schemes in this part of the country involve the construction of storage reservoirs and are costly in comparison with those in Sind. The rainfall of the year was not very favourable and consequently there was a keen demand for canal water.

Area irrigated and gross revenue.

9. The area irrigated in Sind during the year was a little over 3 million acres as against nearly 3½ million acres of the previous year and the gross revenue amounted to Rs. 68½ lakhs against Rs. 86¾ lakhs of the previous year.

10. The total area irrigated in the Deccan and Gujarat was about 431,000 acres against 4 lakhs of acres of the previous year and the gross revenue from all sources amounted to 28½ lakhs of rupees against 24¾ lakhs of the previous year.

II—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

Character of the Inundation.

11. The inundation of 1920 was on the whole unsatisfactory as the river was low both in June and September. The river began to rise in the beginning of June and continued to do so with slight fluctuations till it reached the level of 13 feet at Bukkur on 15th July 1920. This level and over was maintained for a period of 30 days as was the case in the years 1919 and 1917, the average period of the previous 3 years being 20 days only.

12. On the Kotri gauge the level of 17 feet was first registered on the 11th July. This level and over was maintained for 49 days against 81 days in 1919, 39 days in 1918, 73 days in 1917 and 64 days the average of the previous three years.

13. The highest readings for the year were 15 feet on the Bukkur gauge on the 4th August and 21·4 feet on the Kotri gauge on the 8th August as compared with 14·7 and 22·4 feet on the Bukkur and Kotri gauges respectively in 1919 and the recorded maximum readings on these two gauges of 17·9 feet and 23·8 feet respectively.

Rainfall.

14. The rainfall was slight and was therefore of little use to cultivation.

2.—INDUS RIGHT BANK DIVISION.

(i)—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

Desert Canal.

15. The Desert Canal was opened on the 4th June and it ceased to flow in December. Owing to silt at the head of its feeder dhund there was but little water in the canal during June, while the river was low, but gradually the dhund scoured and in July and part of August, while the river was high, the canal obtained an excellent supply.

16. When the river fell in the last week of August, the dhund silted rapidly at the head, as it did in 1919, but fortunately the main river eroding towards the dhund cut through into it just in time about 4 miles above the Desert Canal head and 1 mile below Adiowah and enabled about 85 per cent. of the crops to be brought to maturity in spite of the sudden fall of the river in August. All branch canals did very well. The full supply gauge reading of 10 feet and over was obtained for 24 days and the designed discharge or more for 44 days.

17. The Adiowah was opened on the 2nd July with 2·3 feet on the gauge at the head and ceased to flow on the 12th September 1920. It is a high level canal. As stated in the last report, the designed full supply level and bed level, etc., along the whole canal were further lowered by 2 feet during the year.

18 In July and the first part of August the canal worked well, as was expected, but as soon as the river fell, it was hopeless as usual. This was however the first trial since its bed had been lowered.

19. The river has since cut into the dhund, which feeds both the Adio and Desert Canals, and the result will be known during the inundation of 1921. It is expected that it will do better under the new conditions on the dhund than it has done in the past 16 or 17 years.

Unharwah.

20. The Unharwah was opened on the 10th June with Bukkur reading 5·9 feet and ceased to flow on the 23rd September 1920. It commenced to flow with a satisfactory supply and though water was low in the river in June, it caused no trouble to zamindars. During July and the first half of August it worked excellently, but unfortunately the feeder dhund silting very rapidly at its head, as the river fell, the canal stopped flowing earlier than usual.

21. In the compartment in front of the Haibat loop bund the water was allowed to impound during the Abkalani and by means of a sluice, built just upstream of the head regulator, the water was let out of the compartment into the Unharwah after the river had fallen ; this helped the crops to a certain extent, and gave the Unharwah about one-third of its full supply for 15 days. To prevent water entering the compartment from flowing back into the river, the bank was extended during the year. The dhund was cleared during the working season and it is expected to do good to the canal during the Abkalani of 1921.

22. Owing to deficient supply due to heavy silt at the mouth of the feeder dhund the damage to the crops would have been great if during the year under report the area under rice crop had not been less than usual and the supply had not been supplemented from the dhund compartment referred to above. About 60 per cent. of the area sown matured.

23. The full supply of 10 feet and over was obtained for 37 days, but it drew full supply discharge or more for 45 days as the canal gets the latter even with less than 10 feet reading at the gauge.

24. The Begari Canal was opened on the 3rd June, and it ceased to flow on 19th October 1920. It worked well till 10th September when it silted at the head of the feeder channel from the river owing to the heading up at the 6th mile regulator to give water to the Choi Branch. The new head regulator is only 7 miles from the river and in order to give full supply to the Choi Branch, a gauge reading of 12 feet has to be maintained at the 6th mile of the Begari, as even with a gauge reading of 9 feet, the Choi Branch gets nothing; thus the Choi Branch is a source of anxiety to the supply of the Begari Canal, when the gauge reading at 6th mile is less than 10 feet or so. Begari Canal.

25. To give water to Choi, rotations were started in June, and again at the end of August. After this it was not feasible to head up at the 6th mile regulator again for the Choi Branch for fear of further silting up the head portion of the Begari.

26. Below the 6th mile of the Begari there are only 3 branch canals, the Sonewah, the Mirzawah and the Nurwah. All these branches worked well and their crops were mostly all saved.

27. About 75 per cent. of the irrigation on the Begari Canal is, however, from karias taking off direct from the main canal, and therefore it was impossible to give the benefit of rotations to such a system of irrigation. The consequence was that a large area (about 40 per cent.) failed to mature, or produced inferior crops.

28. The Begari tails into 2 canals called the Eden and Sirwah. These are silted very badly, as most of the land on them is lift.

29. For several years past there has been chronic deficiency in the tail of the Begari, the Eden and the Sir canals. To attempt to remedy this some silt was removed during the working season. But in the last 8 miles of the Edenwah, there was not a single acre of land cultivated and in the upper reaches much of the cultivation failed to mature.

30. The only important work carried out during the year was that of constructing the new Right Bank of the Begari canal. This work was found to be necessary, as, it was feared, that the 1896 loop, which was the first line of defence, would be eroded during the Abkalani of 1921 with the result that water would impound against the Ghouspur Loop and the old weak right bank of the Begari. The new right bank was therefore constructed between the old and the new head regulators. The work was completed in April 1921.

31. The Choi Branch worked well from July to the middle of August when it silted heavily, due probably to the erosion by the river just above the Begari head. The crops on the Choi suffered for want of one more rotation of 5 days. About 70 per cent. of the cultivated area produced an average crop. Most of the cultivation was juari and bajri.

32. The only work, which was carried out during the year was additions and alterations to the head sluice over distributary No. 1 (right) to convert it into an open type sluice. As long as it worked as a submerged sluice, and was provided with screw gates, the bottom silt laden water rushed in through the sluice with a high velocity causing heavy silt deposit in its course and consequent deficiency of water along the distributary. It was to remove this defect that the above work was undertaken and completed in September 1920.

33. The Mahiwah was opened on 4th June and ceased to flow on 25th September 1920. Mahiwah.

34. Owing to the change in the previous method of distribution the supply in the whole system was more than satisfactory from the very commencement of the season till about the third week of August. If the zamindars were more energetic and had taken advantage of the good supply in good time, there would have been no failure of kharif crops. But for one reason or another sowing was unusually late and this added to the failure of the kharif crops.

35. As the project for remodelling the Sehar Canal will not be remunerative, it will probably have to be abandoned. Sehar Canal.

36. The Sukkur Canal has two heads, one Rahuja head and the other the Old head. The Dhoro B, which feeds the Rahuja head of the Sukkur Canal, was deepened and widened during the last working season and the canal worked very satisfactorily. Had it not been for the silting up of the bye-river at its head just near the Rajib Canal, the Dhoro B would have continued to maintain a high level in spite of the sudden fall in the river. Dhoro B has worked satisfactorily and has not silted throughout its length; but on the contrary has scoured at some places. Sukkur Canal.

37. The Rahuja head was opened on the 22nd May 1920 and at the start worked quite satisfactorily. The gauge at Shikarpur road bridge (mile 3/7 of the Sukkur Canal) maintained its Full Supply Level of 17·0 feet and over for 39 days against 65 days last year. The maximum gauge reading was 18·3 on 20th August 1920, when the river began to fall with results which would have been serious, but for the timely opening of the Old head on the 2nd September, to supplement the supply. The Rahuja head stopped flowing on 1st November 1920 and the Old head was closed on 7th April 1921 in order to carry out necessary repairs and improvements.

38. The canal was widened from mile 20 to 22. The banks were improved and strengthened, and groynes and 'muharis' were constructed where necessary. Karias with 'kacha' heads were provided with pipes and masonry sluices and the first 3 rajwahs were converted into a distributary and a head regulator constructed over it.

39. The two branches Kur Khairo and Kur Biro worked satisfactorily, and there was no deficiency except at the tails, which was remedied to a certain extent, by resorting to rotations at the Ghangra regulator at mile 39/3 just below the heads of these branches. They started flowing on 2nd June and ceased on 29th and 23rd October 1920 respectively.

40. The awkward bend at mile 4 of Kur Khairo was removed and the banks and inspection paths were improved and kacha karia heads provided with pipes and masonry sluices.

41. The Ghar Canal was opened on 28th May 1920, which was the earliest date of flow possible on account of the low river. The gauge at head rose to 12·4 feet maximum on the 4th August as compared with 12·7 in 1919, which was a record reading. The Larkana gauge was allowed to go up to 16·5 feet, *i. e.*, 0·50 feet more than Full Supply Level. This level of 16·0 feet and above was maintained for 45 days. The canal worked satisfactorily and ceased to flow on 14th October 1920.

42. During the last working season, a beginning was made in the canalization of the Ghar dhund, which feeds the Ghar Canal, by narrowing its width where necessary by constructing a series of groynes which have acted well. It is proposed to continue this work and to excavate necessary training channels at a few places so as to keep the dhund working at 2·0 feet on Bukkur.

43. The Fordwah, which is a feeder to the Ghar Canal, was opened on the 10th June, but had to be kept partially closed up to 22nd August, so as not to let the Larkana gauge exceed 16·5 feet. After this it was fully opened on account of the fall in the river and ceased flowing on the 1st November 1920.

44. The Naurang and Nurwah into which the Ghar Canal bifurcates at its tail flowed on the 1st June 1920. The maximum reading at the gauge was 13·0 feet against 13·10 feet in 1919 which was the record reading during the last 10 years. The Full Supply Level of 12·0 feet and over was maintained for 43 days against 59 days last year. Both the canals worked satisfactorily and stopped flowing on 20th November and 1st December 1920 respectively. Nothing special was done to the Nurwah except the removal of a bend in mile 6 opposite karia Fatual and the reduction of two big karias the Nur Mahomed and Fatual.

45. Groynes were constructed in the Naurang where the canal section was excessive in order to bring it to a proper section, with satisfactory results. Stone pitching was done at the head, which protects the apex at the bifurcation from scour. The removal of bad bends at miles 2/0 and 3/6 have greatly improved the canal. The work of constructing head regulators over these canals has been postponed for some time till the fate of the Sukkur Barrage is decided.

46. The Nasrat *ex*-Ghar which takes off from the Ghar Dhund, was opened on the 4th June 1920, the earliest date of flow possible. The extension of the canal from its 22nd mile to Kurshah flowed this season for the first time, but owing to the banks not being completed, water did not flow to the tail, which was fed from Kurshah. Removing 'passis' and easing bends in the old portion must be done in order to improve the supply with a view to making it serve as a good feeder to the Kurshah. These improvements are being carried out and are to be completed by March 1922. The canal stopped flowing on 4th October 1920.

47. The Sattah canal takes off from Naro, which is fed from the Indus on the Left Bank. The old mouth passed through sandy Kacha and was often choked by drift sand. A new mouth has therefore been given to it through stiffer soil, with results which will be known after the inundation of 1921.

(ii) Works for which only Revenue Accounts are kept.

48. The principal canals under this head are the Sind, Western Nara, Pritchard Pinyari, Kalri and Baghar canals.

49. The Sind Canal was opened on 10th June 1920. Colonel Fife's channel worked very well. Owing to the low inundation, the water Supply was insufficient towards the end of the season. The wants of the zamindars were, however, met by allowing rotations whenever feasible.

50. A bad bend from mile 18 to 21 of the Sind Canal is being removed. The Raiswah is being extended so as to tail into Yasinwah Karia. Pipe outlets are also being constructed along this canal.

51. The zamindars in the expectation of getting as good water supply as in the previous year, largely increased their area under rice but the river falling early, these crops were a total failure, except on the Munghirwah.

52. The canal was opened on 15th May 1920 with Bukkur reading 5'5 feet; but only four feet of water was allowed in the canal for the first few days to avoid breaches in the Mehar Sub-division, the supply being gradually increased till the regulator was fully opened on the 26th May 1920. After this date the regulator was kept fully opened till 6th July 1920, when regulation had to be resorted to to prevent the, gauge reading exceeding 12'8. This reading was maintained from 6th July to 1st August and was then gradually increased to 13'6 feet on the 22nd idem. Western Nara.

53. The new Feeder to the Western Nara takes off the Kambrani dhund and joins the Nara at mile 33/1, *i. e.*, below the Dhamrao off-take. It was originally constructed to supplement the supply in the Western Nara to make up for the volume drawn off by the Dhamrao Branch. This feeder was opened on 18th June with a gauge reading of 9'1' at its head regulator, and it remained fully opened up to 22nd July. To avoid breaches the regulator was then partially closed up to 15th August after which date it again remained opened. The feeder finally ceased flowing on 2nd September when Bukkur read 6'3'.

54. There were complaints of deficiency on this feeder canal and endeavours were made to improve the conditions by allowing Khuadas to save withering crops, and the result justified the permission given. No leak or breach occurred during the whole Abkalani. The canal as a feeder to Western Nara is useless and gets heavily silted and there is very little velocity in it when flowing. It can best be utilized to supply the Dhamrao by syphoning it under the Nara and thus set free about 800 cusecs for the Western Nara.

55. The Pritchard Canal was opened on 25th May 1920 and was found to work well. Due to some favourable change in the river the head regulator gauge read only 1' less than the Bukkur gauge for the first time since the construction of the canal. On the date of oppening, Bukkur read 4'9' while the gauge at the head regulator read 3'1'. Pritchard Canal.

56. The regulator remained partially closed up to 18th August, the maximum gauge on the 6th August reaching 13'9' upstream and 9'7' downstream. Although the cut off was 4'2' against the difference of 6'9' of the year before, the gauge on the 7th August read 15'4'/8'5'. This partial closure was for a period of 51 days, and has, as usual, resulted in a silt deposit of 3' in depth. As there was no clear spill water to be admitted owing to the sudden fall of the river, the silt could not be satisfactorily scoured out and about 2' depth of silt still remained in the canal.

57. The canal ceased to flow on 5th November. It has been decided to construct a cross regulator at mile 9/6 of the canal. It will help to prevent the silt deposit, which results in deficiency at the end of the season, as it will allow of a greater volume of water being taken in for the use of lands in the first 10 miles and will also probably cause a better flow in the Pritchard, and less chance of silt accumulating in the head portion due to the closing of the Head Regulator. It will also help to save crops on the Youngwah at times of necessity by means of rotations. The F. S. L. will be maintained below this regulator as long as possible for the benefit of the Dadu and other talukas depending on it.

58. The Pinyari canal is 67 miles long and is the chief source of supply in the Pinyari and Shahbunder Sub-Divisions. It flowed on the 9th May 1920, with a gauge reading at head of 4'5.' The usual rotations at Durro and Shorewah regulators were resorted to in order to give water at a higher level to the upper reaches of the canal. It ceased to flow on 9th November 1920. Pinyari Canal.

59. The Karo Gungro escape channel was taken in hand this year to drain the low lands liable to be flooded. The Laikpur Canal was given a new head from Pinyari to supplement its supply. The Hyderwah and Ghari *ex* Mahmuda were widened during the year.

60. The Kahri canal takes off from the river on its right bank near Luka and runs south-west through the interior of Tatta taluka and tails into the Mirpur Sakro talukas. The canal started flowing on 14th June with 5'2' at head, and ceased to flow on 20th September 1920. Kahri Canal.

61. The Baghar canal is one of the deltaic mouths of the Indus, and takes off from the right bank near Agimani. It runs through Tatta and Mirpur Sakro talukas and tails into the sea through Sheikha creek. It began flowing on 10th May with 4'2' of water at the head and ceased to flow on 6th November 1920. Baghar Canal.

Works in progress or completed.

62. The following are the principal works, under the head "works for which only revenue accounts are kept," which were in progress or carried out during the year under report :—

WORKS IN PROGRESS.

		Expenditure during 1920-21.
	Karachi Canals District.	Rs.
1.	Constructing Head Regulator over Ghar Marho ...	7,698
2.	Excavating escape channel from Kuro Gungro ...	20,404
3.	New mouth to Chorewah	13,289
	Western Nara District.	
4.	Constructing Office block to Public Works Department Bungalow at Khaderi	4,021
5.	Raising and strengthening the bank of Dhoro B feeding new Akil Mouth to Western Nara	4,388
	Shikarpur Canals District.	
6.	Extension of the Raiswah	3,878
7.	Constructing an open type regulator on Sind Canal in taki 943 below head of Munghirwah	3,528

WORKS COMPLETED.

	Karachi Canals District.	
8.	Reconstructing Head Regulator over Mirzo Canal	10,858
	Western Nara District.	
9.	Reconstructing Public Works Department Bungalow, Class II, at Bahawalpur	8,441
	Shikarpur Canals District.	
10.	Converting a road bridge in mile 29/0 of the Sind Canal into a regulator	10,713
11.	Constructing a compound wall round the Public Works Inspection Bungalow at Shikarpur	2,070

3.—INDUS LEFT BANK DIVISION.

(i) WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

63. The canals in the Left Bank Division fall under two groups, *viz.*, (*a*) the Eastern Nara System and (*b*) Canals taking off direct from the Indus.

64. Under (*a*) are the Nara River, the Jamrao, Mithrao, Khipro, Thar and Hiral Canals all of which, except the Khipro Canal, which flows during the inundation only, are perennial. The Thar Canal, though classed as perennial, is closed on or about the 1st December each year to save the land under command from being water-logged.

65. Under (*b*) are the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals which are all classed as inundation canals though the Fuleli receives a fair rabi supply.

(a) The Eastern Nara System.

Nara Supply Channel.

66. The Nara Supply Channel is an artificial cut, 12 miles in length, taking off the Indus on its left bank above Rohri and forming the mouth of the Nara, an ancient course of the Indus. Its discharging capacity is about 20,000 cusecs during high inundation. The Nara River below the channel has no regular banks and the result is, that when the discharge in the channel exceeds 5,000 cusecs, the water overtops the banks and touches the Flood Diversion Bund on the east and the hills on the west.

67. Owing to the construction of the Flood Diversion Bund the Ghotki floods now enter the Nara River below the 34th mile instead of the 12th mile before the construction of the bund. On the left bank of the Indus above the mouth of the Nara supply channel there was such a heavy deposit of silt as to form a large *kacha*. During August 1920 the set of the river changed towards the left bank and eroded the *kacha* from the Nara

Supply Channel mouth to about 3 miles above it. This erosion so heavily silted the supply channel that in certain miles the deposit in the channel measured from 6 to 8 feet in depth with the result that there was no water for rabi in the Jamrao and Mithrao Canals. As the discharge in the channel in December 1920 became less than 100 cusecs, it was closed in January 1921 and silt was removed in a width of about 70 feet in the first 28½ miles for ensuring a fair supply in the early part of the Kharif season of 1921 to the cotton and rice on the Jamrao and other canals depending on it. With a view to preventing silt from being deposited in May and June 1921 on account of erosion due to the rising river, the left bank of the channel was extended by about 1,500 feet. The total cost of the two works was about 2 lakhs of rupees. Owing to the sudden drop in the discharge in September caused partly by the fall in the river and partly by silting of the channel, the kharif crops on the canals fed by it did not receive water in sufficient quantity to bring all to maturity.

68. The head regulator remained fully opened during the whole abkalani season of 1920. The maximum water level during the year recorded on the gauge at Head Regulator was 22·7′ upstream and 22·4′ downstream on the 3rd August 1920, and the highest water level attained at the 12th mile gauge was 27·4′ on the same date.

69. The high velocity in the channel causes scouring of the sides and thus widens the section. To prevent this and to bring the channel to a regular and defined section stone groynes were constructed and the sides protected with stone pitching at a cost of about Rs. 6,000.

70. The length of the Nara from the end of the Nara Supply Channel to the Jamrao head works is about 96 miles and from the Jamrao to the That Weir about 100 miles. It commands over 500,000 acres of cultivable land. The area cultivated during the year on the Nara in the Eastern Nara District was about 47,000 acres against 64,483 acres in 1919-20, and 42,512 acres the average of the previous three years. The Nara.

71. The Nara bed is in fairly good condition from Chotiari right down to Farsh. Above Chotiari at Bakar there are bad bends which have been improved by the construction of groynes and in this portion there is also a lot of silt. The supply in recent years has been low and a portion of the limited discharge passing below Makhi Regulator was being lost in the berms and depressions. With the extension and raising and strengthening of the inner bunds it is hoped that the wastage will be minimised. The Makhi Dhand forms a reservoir for the storage of water for rabi cultivation on the Mithrao canal. The river rose very late and the Mooral and Bagdad Sang sluices which fill the Dhand were opened on the 8th of August 1920, but owing to the sudden and early fall of the river they had to be closed on the 3rd September 1920. The small quantity of water that could thus be stored in the dhand was utilised to supplement the supply to the Mithrao from the Nara at the end of the kharif season.

72. The capital expenditure on this canal during the year amounted to Rs. 25,311 and was incurred mainly on (1) Constructing a bund above the 3rd span of the Jamrao Weir, (2) Closing a space of 3½ feet above the undersluice gates, (3) Constructing a regulator at 73rd mile of the canal, (4) Constructing a second regulator for the Jam Sahib Minor, (5) Extension of Potho Minor and (6) Constructing Digri Distributary *ex* 12th mile Digri Minor. The canal and its minors were maintained in good order throughout the year. The method introduced in 1919 of keeping the velocity in the approach channel at the head works less than that in the canal was again followed this year but the approach channel silting up the canal was closed from 27th August 1920 to 9th August 1920 and the undersluices completely opened, with, however, not very satisfactory results. The closing of a space of 3½ feet above the undersluice gates was very useful in keeping down the velocity in the approach channel but the closing of the 3rd span did not help scouring of the channel to any appreciable extent. Unless regulating gates are provided on the weir it will not be possible to obtain the high velocity in the approach channel necessary to scour the silt deposit and a project for this is under consideration. Jamrao Canal

73. The maximum and minimum discharges measured above the weir were 11,764 cusecs on 13th August 1920 and 52 cusecs on 26th March 1921 respectively.

74. The area cultivated during the year was about 185,200 acres as compared with 284,159 acres last year and 253,991 acres, the average of the previous three years. The area under cotton was about 116,900 as compared with 127,870 acres in the last year and 117,737 acres the average of the previous triennium. The river was late in rising and fell to an abnormally low level by the end of September. The discharge of the Nara at Rohri fell down from 3,530 cusecs on 15th September 1920 to 537 cusecs on 14th October 1920 and consequently the discharge at the Jamrao head decreased from 3,522 to 1,350 cusecs on the corresponding dates. In the beginning of October the Jamrao was closed for 10 days to give water to the canals in the Eastern Nara District and this rotation had to be continued right up to the end of the season. The decrease in

cultivation was due to the failure of water supply in the Jamrao caused partly by the silting of the Nara and partly by the low river. There was practically no rabi and the zamindars were warned in due time not to rely on any rabi supply.

75. An allotment of new land to the extent of about 8,377 acres was made during the year on this canal.

76. This is a perennial canal taking off the Nara above Makhi regulator. The Makhi Distributaries having come into operation no supply was drawn direct as hitherto from the left bank of the main canal in the first nine miles and the F. S. L. of 9·5 feet was obtained at Kanhar with 11 feet below Bakhora. The Makhi Left Distributary and Chotiari Minor worked well, but the Makhi Right Bank Distributary could not be thoroughly tested as several zamindari karias had not been excavated.

77. The full supply at the 30th mile could only be maintained on rotation days. Deficiency was therefore felt on the 30th Mile Left Bank Distributary, Doso and Hingorno and in karias taking off the main canal. Profiles were constructed on some karias *viz* Dosowah and several of them worked well. Deficiency was also felt at the 45th and 61st mile regulators but the tail from mile 65 to 93 suffered the most on account of the low inundation.

78. The capital expenditure on this canal during the year amounted to Rs. 14,951 and was incurred on constructing the two Makhi Distributaries.

79. The area cultivated during the year under report was about 90,200 acres as compared with 108,600 acres of the last year and 110,317 acres the average of the previous 3 years. The decrease in area was due to the silting of the Nara Channel and consequent failure of the rabi supply.

80. This canal was opened on 1st May 1920 and worked well, rotations being resorted to with a view to ensure proper distribution of water. Rice cultivation temporarily allowed in the Hiral tract continued during the year.

81. The cultivation during the year was about 13,700 acres as compared with 16,868 acres in the last year and 13,093 acres the average of the previous three years.

82 The capital expenditure of the year amounted to Rs. 1,861 only and was incurred on constructing the Head Distributary Hiral.

83. An allotment of about 1,966 acres of new land was made on this canal during the year under report.

84. This canal was opened on 8th June 1920. For the proper distribution of water rotations had to be resorted to at all regulators.

85. The cultivation during the year was about 41,000 acres against 51,738 acres in the last year and 52,729 acres the average of the previous three years.

86. The 3rd Mile Right and 7th Mile Left Bank Distributaries constructed last year on the whole proved a success though there was deficiency in the tail karias to feed which temporary openings had to be allowed from the main canal.

87. The capital expenditure of the year amounted to Rs. 1,323 and was incurred on completing 3rd and 7th Mile Distributaries.

88. The Khipro Canal was opened on the 1st August and ceased flowing on the 19th September 1920 and all cultivation therefore failed.

89. The cultivation during the year on this canal was about 2,200 acres against 2,558 acres in the last year and 2,605 acres the average of the previous triennium.

(b) Canals taking off direct from the Indus.

90. The canal was opened on 4th June. It received Full Supply for 29 days and was closed on 5th October. Except for one month during the height of the inundation the supply was, as usual, rotated and a large proportion of the crops matured in spite of the sudden drop in level at the end of the season. The upper regulators feeding the Kandiaro and Naushahro talukas were kept continuously closed right upto the end of the season with very satisfactory results.

91. The screw gates installed last season were extremely useful in effecting karia rotations efficiently and quickly and it is satisfactory to note that in spite of the bad season, the tail of the canal got a fairly good supply.

92. The new head to the Madadwah was excavated and opened and the work of excavating the Lundo Branch was in progress. This work when completed will afford a comparatively assured supply to about 20,000 acres, convert much of the present lift area into flow and bring under cultivation an appreciable area of waste land.

93. During the year the existing canal telegraph system along the main Nasrat Canal was extended to Kandiaro, Bandhi and Dour.

94. The cultivation during the year on this canal was about 81,500 acres against 60,235 acres in the last year and 68,798 acres the average cultivation of the three previous years.

95. The total expenditure on the construction of karias and kasis up to the end of the year on the canal amounted to about Rs. 2,89,000.

96. An allotment of about 16 acres was made on this canal during the year under report.

97. The canal was opened on the 3rd of June and had a continuously good supply up to 28th August. It was closed on 23rd October. The usual flooding at the tail of the canal was stopped this year by the extension of bed groynes to the 72nd mile which also improved the supply in the upper reaches. Dad Canal.

98. During the year the banks of the canal between miles 50 and 56, where they were low, were raised and the construction begun of a Head Regulator to the Mubarak Branch, taking off at 56th mile, to enable a still higher level of water being let down below the 50th mile Regulator in the interests of the reclaimed lands at the tail.

99. The cultivation during the year on this canal was about 90,600 acres against 81,500 acreas in the last year and 89,015 acres the average of the three previous years.

100. The total expenditure on the construction of karias and kasis to the end of the year under report amounted to Rs. 1,32,600.

101. New land to the extent of about 31 acres was allotted during the year.

102. The Ren Distributary which takes off from the Dad canal suffered somewhat on account of rotation being resorted to on Dadwah during September but the situation was met by internal rotations, as far as possible. New land to the extent of about 2,907 acres was allotted during the year on this distributary.

103. The canal worked very satisfactorily during the year under report. The Jamshora head was stable and no silting occurred. Rotations were started at Alipur Regulator from the 23rd of June, but owing to the steady rise of the river in July it was possible to keep the maximum safe gauge reading on the downstream side of this regulator. Fuleli Canal.

104. The Old Fuleli worked so well, on account of the extension of groynes which reduced its width and scoured the silt in the bed, that a much higher discharge entered the New Fuleli from this canal and in July it was necessary to cut off water at the Jamshora head from 16' to 16'—6" as a greater supply could not be admitted in the Badin Sub-division. This is very satisfactory and when the proposed regulator is built at the 72nd mile of the Fuleli, it will be possible to utilize this surplus water in the Tando Bago Sub-division where there is a very large area of land suitable for dry crops.

105. The training work in the 60th mile of the main canal was most successful in preventing the heavy silting which formerly took place every year in the Manikwah early in the season reducing its discharge to a hopelessly inadequate figure. This year the water flowed in the tail of Manikwah to a point never reached before without the assistance of rain water.

106. The area cultivated during the year was about 410,000 acres against 380,000 acres in the last year and 429,000 acres the average of the previous three years.

107. The capital expenditure on this canal during the year under report was about Rs. 98,926 and was incurred on Stoney gates purchased for the new Fuleli Head Regulator at Jamshora.

108. The main canal worked very well and the groynes which were constructed in the head reaches kept the main canal free from silt. This was of the utmost importance this year as although the river fell early in August water flowed in the canal in September and a large area of crops was saved. In the lower reaches the construction of sluices on the Sherwah resulted in a much improved supply at the tail, and with the annual improvements that are being carried out it is hoped that the area under cultivation will reach the figure anticipated in the project. Hasanali Canal.

109. This year sluices have been constructed on karias taking off direct from the Hasanali in order to control and regulate the supply of water.

110. The expenditure on this canal during the year under report was Rs. 4,400 under "Extensions and Improvements" and was incurred on the construction of a sluice *ex*: Sherwah and reducing karia sluices *ex*: Hasanaliwah.

111. The area cultivated during the year was about 19,000 acres against 20,000 acres cultivated in the last year and 18,985 acres the average of the three previous years.

Canals in the Hyderabad Canals District.

112. All the canals in this district worked satisfactorily. Although the river has receded and the former river bed has become a big 'dhand' at the head of the Great Marak Canal, from which the canal now gets its supply instead of directly from the river as in the past, the canal worked very satisfactorily. The head regulator on this canal which was under construction was completed during the year at a total cost of Rs. 1,59,150. The head of Sarfraz Canal which was groyned last year worked very satisfactorily and the canal flowed until the river fell to 4·5 feet on the Bukkur gauge, whereas in 1919 it stopped flowing when the Bukkur gauge read 6·3 feet. The work of constructing a head regulator to the Alibahar Kacheri canal was also in progress, the expenditure on it during the year under report being Rs. 27,466.

113. The cultivation in the whole of the Hyderabad Canals District for the year was about 242,300 acres against 262,500 acres in the last year and 268,666 acres the average of the past three years.

(*ii*) Works for which only Revenue Accounts are kept.

114. The principal canals under this head are Naulakhi, Mehrab and Dambhro in the Nasrat Canals District and Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District. The supply was fairly good in all these canals with the exception of Gharo Mahmudo which is fed by a dhand which on account of erosion of the river at its head, did not flow until Bukkur read 9 feet.

4.—PROTECTIVE EMBANKMENTS.

Kashmir Bund.

115. The maximum gauge reading was 15·0' (August 4th) compared with 14·7' of 1919. During July, the old front bund was eroded away opposite the 1896 loop as was expected, and there was every probability of the 1896 loop also being taken away, as it was approached by the main current of the river, but fortunately the erosion kept up only for a few days. When, however, the river was eroding rapidly towards the 1896 loop, it was decided to take precautions in case the Ghouspur Loop was brought into action. With this object in view water was pumped into the trenches in its whole length, but the wetting was not thorough, for it is impossible to wet the bunds thoroughly by this small trench method.

116. The maximum depth of water against the whole bund line was at mile 4/0 of 1896 loop when the maximum gauge reading was 8·2'.

117. There were no breaches in any of the river bunds in the Begari Canals District during the year.

118. The principal works carried out during the year were (1) Strengthening and trenching the 1896 loop and (2) improving the trenching of the Ghouspur Loop.

119. The front bund having been eroded in July 1920, the 1896 loop became the first line of defence. It was therefore very necessary to strengthen and trench the 1896 loop. This work was commenced in the previous year and completed during the year under report.

120. There were no indications that the river would change its course and not erode the 1896 loop. The Ghouspur Loop, which is the next bund behind the 1896 loop was therefore proposed to be trenched on the Haibut loop system to enable it to be thoroughly wetted and take the maximum high flood level. The work was commenced in November 1920, and has since been completed.

121. All the bunds in the Shikarpur Canals District withstood the floods that came against them.

122. The Kasimpur Bund has been abandoned and handed over to the Revenue Department.

123. The river being far away from the bunds in the Ghar Canals District it gave no trouble except to the Mitho Lulu Bund lower down Fordwah. The maximum reading against this bund was 15·4' on the 1st August with Bukkur 14·7'. This caused anxiety, and precautions had to be taken to watch the bund carefully. There was no breach, however.

124. The length of the river bunds in the Western Nara District is 101 miles. During the year the water touched the bund in many places and there was great pressure of water against the portion between miles 4½ to 45. A few leaks occurred through the bund, all of which were promptly detected and closed.

125. All the bund lines in the Karachi Canals District have been raised to 4 feet above maximum flood and brought to the standard section except a few portions of secondary importance which will be completed during 1921-22.

126. The Ghar Marho emergency loop completed last year was thoroughly wetted and stood well. This small loop was made because the retired Thahimani Gulel loop

could not be completed before the Abkalani and proved extremely useful, as the front bund was eroded by the river and spill was checked by this loop.

127. The Kot-Almo Loop in miles 19-20 of Mulchand Shahbunder bund commenced last year was completed this year. The bunds on the whole were not subjected to a great pressure during the year, as the river was not very high.

128. In the Nasrat Canals District, the Naulakhi Bhorti Bund has been extended right up to the Dad Canal. The total mileage of bunds in this District is 14 miles and they all stood the water pressure well. The spill water near Dambhro did not spread this year below the Tharushah Mithiani Road, as some of it found its way into the Dad and Dambhro Canals, and the remainder was held up by private zamindari bunds. The effects of this on the Dambhro system was very serious. The tract round about Doulatpur was flooded as usual, and the left bank of Suhaganwah which was raised last year was again overtopped.

129. The Ren Bund was touched by the flood water and the wetting was done by the beldar establishment.

130. The Jamshora front bund and Hajipur Bund which were damaged by wave wash were protected by stone pitching and brushwood groynes at places which were dangerously affected. The stone groynes or spurs constructed in the river at right angles to the Gidu Bund were successful in their object and the main current which was eroding the Gidu Bund was deflected with the result that silt deposited where formerly there was rapid erosion.

131. Erosion was very active at mile 1/4 to 1/7 of Ghallian Bund and therefore a new loop, two miles in length, was constructed behind it from the Old Fuleli bank to the Chandan bank.

5.—INDUS RIVER COMMISSION.

132. The expenditure on works and surveys was as usual charged to "43—Irrigation Minor Works and Navigation—Agricultural Works—Works for which neither Capital nor Revenue Accounts are kept." Indus River Commission—Works and their classification.

133. The total length of the traverse survey done during the year was 1,172 miles, against 2,073 miles done last year. The difference is due to the new method introduced of surveying the river from one permanent point to another permanent point with one traverse and closing the circuit between those points with the calculations already made in the previous year. Besides this, the work of demarcating District boundaries from Laki to Amri and from Laki to Sehwan was also in progress. The total length of the river course from Rohan in the Punjab to the point of its bifurcation was 532 miles. The whole of this length together with about 25 miles of the Haidri river and 5 miles of Ochito below the bifurcation point were surveyed and plotted. Surveys of the Indus.

134. The Khairpur boundary rails from Akil to Chakra village, 42 in number, were inspected this year and some dharries were fixed. Khairpur Boundary Rails.

135. Gauge readings of the river were taken daily at 11 stations, twice a week at 4 stations and weekly at 6 stations. The maintenance of all these gauges is necessary for the purpose of fixing the high flood levels for the river embankments, for recording the changes in, and level of supply at, canal mouths and for observing any permanent changes in the level of the river. River gauges.

136. Discharge and other special observations were continued at Sukkur and Kotri as usual. The results will be published in the Indus River Commission Records. The total monthly discharge at Sukkur during the inundation season and the minimum, maximum and average discharges of the year, compared with the results of the previous four years, are as follows:— Scientific works and discharges of the Indus.

Month.	1916-17.	1917-18.	1918-19.	1919-20.	1920-21.
	Cusecs.	Cusecs.	Cusecs.	Cusecs.	Cusecs.
June	8,038,000	7,383,000	13,267,000	8,850,000	6,452,000
July	13,044,000	8,603,000	9,809,000	12,186,000	15,422,000
August	18,227,000	16,941,000	9,994,000	14,082,000	14,506,000
September	7,972,000	12,385,000	5,924,000	7,488,000	4,798,000
Total ...	47,281,000	47,762,000	38,914,000	42,106,000	41,178,000
Average discharge ... Cusecs...	887,549	891,492	818,957	845,181	887,486
Maximum discharge ... Cusecs...	735,348	740,279	531,890	506,352	626,406
Minimum discharge June to Sept.... Cusecs...	73,287	126,049	92,901	135,136	102,600
Minimum discharge observed throughout the year ... ... Cusecs...	17,568	28,068	21,784	31,017	29,582

Extensions and improvements, and special repairs.

137. The estimated cost of works under these heads sanctioned or approved during 1920-21 by the Indus River Commission for execution by the Executive Engineers and by the Commission was as follows :—

District.	Extensions and Improvements.	Special repairs.	Total.
A—Indus Right Bank Division.	Rs.	Rs.	Rs.
Begari Canals	1,73,553	1,12,479	2,86,032
Ghar Canals	13,355	.....	13,355
Western Nara	5,311	.....	5,311
Karachi Canals	2,37,983	39,868	2,77,851
Total ...	4,30,202	1,52,347	5,82,549
B—Indus Left Bank Division.			
Nasrat Canals	3,767	.....	3,767
Puleli Canals	18,015	51,316	69,331
Total ...	21,782	51,316	73,098
C—Indus River Commission.			
Works under the direct control of the Indus River Commission	19,246	.....	19,246
Grand Total ...	4,71,230	2,03,663	6,74,893

Maintenance and repairs.

138. The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 24,060.

139. No clearance work at the mouths of the Canals was carried out, as no dredger was available for the purpose. No snagging work also was done.

Total expenditure.

140. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	9,425
Repairs	24,084
Establishment	1,09,701
Tools and Plant	9,264
Total ...	1,52,474

Erosion.

141. There was heavy erosion near Sukkur Begari Bund, miles 27/4 to 28/7, from 10th October 1919 to 14th August 1920, the maximum rate of erosion during this period being 355 feet per week. The distance between the river and the bund which remained uneroded on 14th August 1920 was 1440 feet. A loop was proposed in January 1920 and completed in August 1920, behind this threatened portion of the bund.

142. Erosion took place opposite Belo Loop at mile 3/7, the maximum rate of erosion being 76 feet per week. The distance between the river and the bund which remained uneroded on 20th November 1920 was 3,353 feet.

143. There was erosion opposite Mulchand Shah-Bunder Bund at mile 18/5 from 5th May 1920 to 4th December 1920, the maximum rate of erosion being 60 feet per week. The distance between the river and the bund which remained uneroded was only 412 feet, therefore a new loop called the Kot Almo Loop was constructed behind miles 18/5 to 20/0 of the bund.

144. There was erosion opposite Baghar Uchito Bund, mile 5/4 to 6/3, from 19th June 1920 to 23rd October 1920, the maximum rate of erosion being 252 feet per week. The whole bund opposite mile 5/7 to 6/1 was washed away and the river water came up to the Emergency Loop; the Thahimani Gulel Loop was therefore constructed from mile 4/3 to 9/0 of Baghar Uchito Bund.

Sukkur Barrage project.

145. The Sukkur Barrage Canals Project described in the last report was submitted by the Government of India to the Secretary of State in December 1920. The final orders of the Secretary of State are awaited.

146. The Sukkur Barrage Project Executive district which had been in existence for the preparation of the project was finally closed down on 28th February 1921.

147. A Division in charge of a Superintending Engineer, known as the "Sukkur Barrage Division" was formed on 1st February 1921. This division will work up all details necessary for preliminary work in connection with the Barrage and Canals. The

chief work to be carried out immediately is the close contouring of the whole tract commanded by the projected Barrage Canals. Owing to the division being constituted late in the season, only a small amount of out-door work was possible before the close of the year. A small portion of the area between Sukkur and Ruk was surveyed for close contouring purposes and longitudinal and cross-sections for the head portions of the North-Western Perennial, Central Rice and South Eastern Canals was undertaken. Information was also collected for the purpose of acquisition of lands required for the proposed canals.

148. Observations for water levels, and cross-sections of the Indus at the site proposed for the Barrage were continued throughout the year under report as also observations of the Nara Supply Channel.

6—Miscellaneous.

Surveys, etc.

149. *Bench Marks.* In the Ghar Canals District, the Survey of India Department had run a line of precise levels following the old bench marks as far as possible. The route followed was from Bench Mark No. 184 near Gaibidero *via* bench mark No. 171 to the junction of the line No. 153 and thence to Sojra G. T. S. tower Station Bench Mark No. 2. From Sojra G. T. S. tower Station Bench Mark No. 2 to Lakha 35 35 G. T. S. tower Station Bench Mark No. 1 the line followed the old route, and from Lakha 35 to Nasirabad it followed the road from Kambar to Mehar.

150. The following bench marks have been constructed:—

(1) At the junction of level line with line No. 53.
(2) One mile east of Bhando Buldi.
(3) At Kambar Village.
(4) At Thariri Hashim.
(5) At Nasirabad.

151. In the Western Nara District the bench marks at the following places were constructed:—

(1) In the compound of the Inspection Bungalow at Khairpur Nathenshah.
(2) At Kolachi village on the Southern Bank of the Western Nara.
(3) In the compound of the P. W. D. Bungalow at Mehar.
(4) At Phulji.
(5) At Kurla village.
(6) Inspection Bungalow at Shah Hassan.
(7) At Chinni.
(8) Junction of Chinni-Johi Road with old level line 53.
(9) In the compound of the Police Lines at Johi.
(10) At Drigh.

152. No work in connection with the levelling operations was done by the Survey Department in the Left Bank Division.

Plantations.

153. Existing plantations on canals and bunds in the Left Bank Division were well cared for. New trees were also planted in all the districts and are thriving well.

Irrigation of cotton.

154. No Egyptian cotton was sown in this Division during the year. The following table shows some details regarding waterings given to indigenous cotton.

District.	Lift lands.		Flow lands.		Date of last watering.
	Number of waterings.	Intervals between.	Number of waterings.	Intervals between.	
Hyderabad Canals District ...	8 to 11 ...	.....	.....	.....	Between 9th September 1920 and 18th October 1920.
Eastern Nara District ...	.....	.....	4 ...	.....	Between 15th August 1920 and 23rd September 1920.
Fuleli Canals District ...	4 to 8 ...	10 and 27 days.	.....	.....	Between 12th August 1920 and 6th October 1920.
Northern District, Jamrao Canal.	6 to 12 ...	.....	6 to 10 ...	.....	Between 18th September 1920 and 14th November 1920.
Southern District, Jamrao Canal.	6 to 9 ...	.....	6 to 8 ...	.....	Between 2nd October 1920 and 9th October 1920.

III — DECCAN AND GUJARAT.

1. Northern Division.

General Remarks.

155. The rainfall during the year was about normal in the Ahmedabad and Kaira Collectorates, while it was deficient in the Panch Mahals. The monsoon commenced early from 15th May and ended by the end of August. The rainfall was plentiful and continuous between June and July, but the September rain failed and the demand for water was so great that a conference of the District Officers had to be held by the Commissioner, Northern Division, and a rotation under Police patrol had to be resorted to.

(i) First Class Irrigation Works.

Hathmati and Khari Cut Canals

156. The rainfall gauged at Ahmedabad and Prantij during 1920-1921 was 23·88 and 31·13 inches against an average of 29·61 and 30·74 inches respectively for the last 30 years including the year under report. The monsoon made its appearance early in the middle of May and lasted nearly up to end of July. The rainfall was light in May and plentiful and continuous in the months of June and July. In August there were only drizzles at intervals. Advantage was taken of the early rains and the reservoirs and tanks on the Khari Cut and Khari Sluices were filled by the 11th July 1921. The rain was well distributed during June and July and the Hathmati weir overflowed. About 350 cusecs of water were passed down the Hathmati Canal every day of which 100 cusecs (including 20 cusecs for leakage and absorption) were used in the Hathmati Canal irrigating 2,360 acres of kharif. The remaining 250 cusecs were passed down into the Khari, half by way of the Bhujwa Channel and half by way of the Bokh for nearly a month, up to 10th August, when the level in the Bokh having fallen below its F.S.L., the flow of water through the Bokh was stopped.

157. In the area served by the Khari Cut Canal the rainfall, though about normal, was not well distributed being confined to the early period of June and July after which there was no rain except drizzles in August. People were notified to transplant rice as early as possible and canal water was given to them for the purpose. For want of labour and seedlings, the work was, however, delayed. Due to the failure of rain in August and September, there was not sufficient water available for irrigating the crops which suffered in consequence. The area irrigated on the canal during the kharif season was 8,970 acres of which 562 acres were in the Kaira District. The rabi irrigation was 444 acres and hot weather 82 acres.

158. The total area irrigated and the gross assessed revenue on the Hathmati and Khari Cut Canals during the year were about 14,300 acres and Rs. 41,200 respectively against 11,000 acres and Rs. 57,700 the averages for the previous triennium.

Tanks in the Kaira Collectorate.

159. The area irrigated and the gross assessment on the Wangroli, Tranza-Nagrama, Savli and Saiat tanks compare with the averages for the previous triennium as shown below :—

Name of Tank.	1920-1921.		Average of the previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres	Rs.
Wangroli	1,616	7,234	704	2,976
Tranza-Nagrama	.....	807	10	417
Savli	753	2,678	809	3,165
Saiat	71	866	305	1,615

The Wangroli, Savli and Saiat tanks filled partially whereas the Tranza-Nagrama tank was empty. The water in the former was utilised in irrigating kharif and rabi crops mainly rice, wheat and gram.

160. All these tanks were maintained in good condition at a cost of Rs. 12,528. The works of special repairs to Savli tank and constructing masonry works and outlets on the canals of Wangroli tank were in progress, the expenditure thereon being Rs. 937 and Rs. 1,495 respectively during the year.

Futelao Tank.

161. The Futelao tank at Nani Kharaj in the Dohad taluka, got very little replenishment during the monsoon and though it had about 2·32 M. cft. of water in it, only one acre of land was irrigated, there being no rice cultivation on the canals. The

yield from cultivation in bed was Rs. 213, against Rs. 140 during the previous year. The tank was maintained in good order at a cost of Rs. 1,000.

(ii) WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT AND AGRICULTURAL WORKS.

Khari sluices.

162. There was not sufficient rain in the catchment of the river Khari, but there were two or three small floods in the Hathmati during the year, which helped a great deal in supplementing Khari with Hathmati water. After 15th August 70 to 75 cusecs were let down through the weir at Raipur for the Khari Sluices, but only 25 to 28 cusecs reached Pinglaj and this quantity was found insufficient for the 3,000 to 3,500 acres already transplanted on the Khari Sluices. A conference of District Officers was held on the 27th August at which it was agreed that water should be conserved as far as possible and in order that there should be no waste all water should be diverted at Raipur, and enough let down Section No. 4 of the Khari Canal System, to allow of a discharge of 45 cusecs reaching Pinglaj solely for the benefit of the Kalambandi villages. This rotation was, however, not successful as the people on the Khari Cut Canal were stealthily taking water on the way, which could not be controlled. There were loud complaints from the Kalambandi villages and a conference was convened on the 22nd September 1920 by the Commissioner, Northern Division, at which Officers of the Public Works and Revenue Departments and the District Superintendents of Police of Ahmedabad and Kaira were present, and it was decided to give continuously for 10 days 45 cusecs of water at Pinglaj for Khari Sluices, by way of the Khari Cut Canal, under Police patrol. This arrangement was successfully carried out. On the 6th October the Bokh reservoir was empty and the Hathmati discharge having fallen to 63 cusecs, no water could be given from the Hathmati Canal. Out of the total area transplanted under the Khari Cut, only 30 per cent. could be saved. If this water had been given to the Khari Cut Canal, 70 to 80 per cent. of the area planted thereon would have been saved. However, the assuring of water to the Kalambandi villages (Khari Sluices), which had no other source of supply, saved them from fodder famine and the consequent loss of their cattle. The villages of Goblaj and Bherai fared better with the aid of Goblaj tank and Bherai reservoir.

Muwalia Tank.

163. The rainfall gauged at Muwalia was 17·38 inches against an average of 28·63 inches. The tank did not fill to the F.S.L. and had only 140 M. cft. of water against its capacity of 237 M. cft. The area irrigated was 19 acres in the hot season, 89 in the kharif and 480 in the rabi. The gross assessment of the year amounted to Rs. 2,736 against Rs. 2,007, the average of the last three years. The tank and the canals were maintained in good condition at a cost of Rs. 3,088.

Old Tanks.

164. Improvements to 29 and repairs to 40 small irrigation tanks in the Gujarat Irrigation District and repairs to 14 tanks in the Surat and Broach District were executed, at a total cost of Rs. 10,564 and Rs. 28,963 respectively.

Works in progress.

165. The following important works were in progress or completed during the year:—

(1) The Timba tank at Harsol, Taluka Prantij, Ahmedabad District (nearly completed).

(2) The Matewal tank at Salun and Nanadra villages, taluka Thasra, Kaira District (completed).

(3) The Fudsar tank at Lasundra, taluka Kapadvanj, Kaira District (in progress).

(4) The Dangaria tank at Salod, taluka Kapadvanj (completed).

(5) The tanks at Dangaria and Bodidra Bujraj in Godhra Taluka (in progress.)

166. Most of the small old tanks and bunds in the Ahmedabad, Kaira, and Panch Mahals Collectorates were fairly well filled and the storage was just sufficient for rice cultivation. The total area irrigated during kharif and rabi seasons was 1,138 acres and 230 acres respectively. The total revenue derived from all sources amounted to Rs. 13,303 against Rs. 9,179 in the previous year. The tanks and bunds were maintained in good order.

Drainage Channels.

167. The drainage channels in the Surat and Broach and Gujarat Irrigation Districts were maintained at a cost of Rs. 7,392 and Rs. 7,277 respectively. The work of diversion channel from the Eastern to the Western Drainage Channel near Dholka was practically completed during the year.

Protective Bunds and Reclamation Works.

168. The protective bunds at Wagrej and Bigri in the Bulsar Taluka of the Surat District and those at Lakhigam, Kadodra and Harinagar in the Broach District, which were constructed in the past with the object of preventing tidal water damaging culturable areas, continued to give the good results expected. The Reclamation Bunds near Hansot and Asarsa in the Broach District are gradually assisting in reclaiming a large area of salt land by siltation.

169. Early in June 1920, a heavy cyclonic wave invaded the Gujarat and Kathiawar coasts and damaged several of the bunds in the Surat and Broach District. In some cases the tide water passed over the waste weirs and spoiled some of the land already

reclaimed. The repairs to the bunds were immediately taken in hand and completed. The total cost of maintenance and repairs of the protective and reclamation works in Surat and Broach District during the year amounted to Rs. 10,498.

170. The work of constructing the Protective Bund at Gandhar in Wagra Taluka of the Broach District was continued and has since been practically completed, as local labour became available due to scarcity.

2.—Central Division.

General.

171. Owing to the transfer of the Satara District from the Southern to the Central Division the irrigation works in that district were also transferred to the Central Division with effect from 1st November 1920. Consequently there are in all 15 First Class Irrigation Works in operation in the Division.

(i)—First Class Irrigation Works.

Ekruk Tank.

172. There was sufficient storage available in the Ekruk Tank to meet the full demands of sugarcane and 50 acres of sugarcane were allowed to be grown in connection with the new experimental methods of planting it, under the supervision of the Agricultural Department. As there was very scanty rainfall the field owners who had not entered into six years' leases realized the advantages of the lease system and took to it freely. The area irrigated under this tank was about 6,000 acres with an assessed revenue of about Rs. 1,63,000 against the averages of 4,000 acres and Rs. 1,20,000 respectively.

Jamda Canals.

173. The eight months rabi leases, for the period of 6 years ending 14th June 1922, which were introduced on these canals as an experiment in October 1915, received some impetus from the cultivators during this year of drought. The result was an increase in the area under the rabi leases by 116 acres. The total area secured under leases during 5 years is 707 acres as shown below against the minimum estimated leased area of 1,000 acres :—

Year.	Acres.
1916-17	69
1917-18	193
1918-19	323
1919-20	6
1920-21	116
	707

These figures clearly show that the scheme is not much appreciated by the cultivators under the Jamda Canals, and they resort to it only in years of drought, such periods during the last 5 years being 1918-19 and 1920-21. Unless there is a reservoir to supplement the water of the Girna River at the Jamda Bandhara for these canals, the lease system will not, it is feared, be successful.

174. The total area irrigated by these canals during the year was about 5,700 acres and the gross assessed revenue amounted to Rs. 17,500. The corresponding figures of the average of the previous triennium were 3,000 acres and Rs. 14,200.

Krishna Canal.

175. This canal takes off from the left bank of the Krishna River from a weir at Khodshi near Karad in the Satara District and is 35·25 miles in length. The work of removing silt and raising banks of the Retre Harna distributary and of the Krishna canal in miles 34 and 35 was in progress. An arboricultural nursery was maintained at Shenoli and transplanting operations were carried out. The area irrigated on this canal was about 8,500 acres against an average of 5,700 acres and the gross assessed revenue was Rs. 57,300 which shows a decrease of about Rs. 7,000 from the average of the previous three years.

Revari and Chikhli Canals.

176. The only two works taking off direct from rivers without storage reservoirs are the Revari and Chikhli Canals, in the Satara District. The Revari Canal is about 6 miles in length and takes off from above an ancient bandhara situated on the river Vasna in the Koregaon taluka. The Chikhli is a small irrigation canal, only 6½ miles in length, and has its origin in the weir built in the Nandni River in the Khanapur taluka. The area irrigated by each of these canals during the year was about 400 acres only.

Other works.

177. The remaining works are small and do not call for any special remarks. The area irrigated by these works was nearly 17,000 acres.

178. The area irrigated on the First Class Irrigation works was about 88,000 acres and the gross assessed revenue Rs. 3,57,000, the averages of the previous triennium being 30,600 acres and Rs. 3,09,700, respectively. The increase in area as compared with the last triennium is due to the unfavourable rainfall during the year under report and hence keener demand for canal water. The decrease in gross assessment is due to the irrigation of a smaller area of the high-rated crops. Total area and assessment.

(ii)—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

179. The total expenditure on extensions and improvements and maintenance and repairs to the Bandharas, etc., in the Satara, East and West Khandesh Districts was about Rs. 4,300 and the area irrigated thereon was over 1,000 acres.

3—DECCAN IRRIGATION DIVISION.

(i)—FIRST CLASS IRRIGATION WORKS.

(a) *Works in existence.*

Protective Works.

180. One of the oldest and so far the largest irrigation work in the Deccan is the Nira Left Bank Canal, which was completed in 1898-99 at a cost of about Rs. 65 lakhs. This canal takes off from a weir at Vir which is fed by Lake Whiting, a reservoir constructed on the Yelvandi river at Bhatghar in the Bhor State, some 32 miles south of Poona. The existing masonry dam is 127 feet high and about 3,000 feet long and the storage capacity of the lake is 5,300 million cubic feet. An entirely new dam is under construction at Bhatghar just below the old dam to provide a combined supply to the Nira Left Bank Canal and the new Nira Right Bank Canal. The storage capacity will be raised to about 24,000 million cubic feet when the work is completed. The additional supply will be utilised mostly by the new Nira Right Bank Canal which is under construction. The Nira Left Bank Canal is about 100 miles long and irrigates a large portion of the Poona District. Nira Left Bank Canal and Shetphal Tank.

181. The Shetphal tank is comparatively a small tank constructed near the tail of the Nira Left Bank Canal from which it receives its supply during the monsoon for irrigating lands under its command.

182. During the year under report this system irrigated about 74,000 acres, yielding a gross revenue of about Rs. 7,21,000, or a probable net revenue of about Rs. 5,70,000 which works out at about 8 per cent. on the capital invested, as compared with the average of 6 per cent. of the preceding three years. There was a considerable increase in irrigation and revenue over the average and is accounted for, mainly, by a greater demand for canal water due to an unsatisfactory monsoon and an almost entire failure of the cold weather rains.

183. A form of long term water lease that is peculiar to this irrigation system and is being extended to other canals is the so-called "perennial block". It consists of a six-year-agreement between the Irrigation Department and the lessee, under which the former guarantees the supply of water for the irrigation of sugarcane on one-third of the area concerned and for other crops on the remaining area during the monsoon and rabi seasons, and the lessee binds himself to pay a fixed sum per acre in that area, whether water be taken or not. There are at present about 16,000 acres under "perennial block" agreements on the Nira Canal.

184. Another form of long term agreement in vogue on this and other canals is the "eight months' lease", which mainly differs from the "perennial block" in that it concerns irrigation during the monsoon and rabi seasons only. Yet another modified form is adopted on some canals and applies solely to rabi irrigation.

185. The guarantee and, generally, the monopoly of water for the more valuable crops is the attraction of these various long term agreements and the advantage to the department is the stability of irrigation during the important seasons of rabi and hot weather, and also a fixed revenue that can be counted upon.

186. This irrigation work consisting of a tank formed by means of an earthen dam on the Man river, with a storage capacity of about 3,000 million cubic feet, lies in the eastern borders of the Satara District and irrigates lands in the Sholapur District. Though the capacity is considerable, the tank has a poor supply. Mhaswad Tank.

187. The area irrigated during the year was about 12,000 acres, the gross revenue over Rs. 80,000, and the probable net revenue about Rs. 64,000.

188. This is the first of the largest irrigation works of recent construction in the Central Deccan for the protection of areas liable to famine. It was completed in 1915-16 at a cost of a little over one crore of rupees. The system comprises (i) a storage reservoir, Godavari Canals.

called Lake Beate, on the Darna river which is a tributary of the Godavari, (ii) a pick-up-weir at Nandur-Madhmeshwar on the latter river and (iii) two canals, the Godavari Right and Left Bank Canals, taking off from this pick-up-weir.

189. The Darna Dam, inclusive of the waste weir, is a little over a mile long and has a maximum height of 92 feet and a capacity of nearly 9,000 million cubic feet.

190. The Godavari Right Bank Canal, which is the more important of the two canals, is 70 miles long and serves the northern tracts of the Ahmednagar District. The Left Bank Canal is 48 miles long and irrigates lands in the south of the Nasik District and north of the Ahmednagar District.

191. The development of irrigation on these canals is progressing up to expectations. As in the case of some other canals, considerable trouble is caused by the enormous growth of weeds which greatly check the flow of water, and steps are being taken for remedying this evil.

192. Sugarcane cultivation is steadily advancing on these new canals. The total area of this crop irrigated during the year was about 6,500 acres, whereas in the preceding year it was less than 4,000 acres. The *Gul* industry was new to the locality, but the ingress of expert growers from Poona District, where sugarcane cultivation has been long in existence on the Nira Left Bank Canal and Mutha Canals, has made it possible to establish the industry on the Godavari Canals. The Sugar Corporation of India is arranging to start a large up-to-date sugar factory.

193. The total area irrigated in the year by the two Godavari Canals was over 51,000 acres, resulting in a gross revenue of nearly 6 lakhs of rupees, or a probable net revenue of about 4 lakhs of rupees which gives a return of about 4 per cent. on the capital cost. There was an increase in the area irrigated and in the revenue, compared with the average of the past three years, and is due, partly, to the extension of sugarcane cultivation and, partly, to the increased demand for water during the rabi season, owing to the unfavourable character of the monsoon.

PRODUCTIVE WORKS.

Mutha Canals and Matoba Tank.

194. This irrigation system was completed in 1896-97, the capital cost being about 65 lakhs of rupees. There are two canals, the Right and Left Bank Mutha Canals, of which the former is 70 miles and the latter 18 miles long. Both the canals take off from Lake Fife, a storage reservoir of a capacity of about 4,000 million c. ft. formed by a masonry dam, about 3,400 feet long with a maximum height of 107 feet, on the Mutha river, at Khadakwasla, about 10 miles south-west of Poona.

195. The Mutha Canals play a very important part in the welfare of the City of Poona and the surrounding country; they furnish the Cantonment and the City with their supply of water and have, besides irrigating ordinary crops, greatly promoted the cultivation of fruits, vegetables, lucerne and sugarcane within easy reach of this large city and an important military centre. The average cultivation includes about 5,000 acres of sugarcane, 1,600 acres of fruits and vegetables and about the same area of fodder crops. A small sugar factory is working at Phursangi.

196. This system irrigated about 19,000 acres during the year and earned a gross revenue of nearly 3½ lakhs of rupees, inclusive of sales of water to the cantonment and the city; the probable net revenue will come to about 1¾ lakhs of rupees giving a return of about 2½ per cent. on the capital invested, as compared with the average of about 3·71 per cent. for the preceding three years. There was a very small increase in the area irrigated, but there is a considerable decrease in the revenue due to restriction of sugarcane cultivation in view of the shortage of supply.

197. The Matoba Tank, a small irrigation work, receives its main supply from the Mutha Right Bank Canal, and is therefore incorporated in the system.

Kadwa River Works.

198. The Waghad Tank, with an earthen dam having a maximum height of 96 feet, is the main feature of this small scheme, and it feeds the Pakhed, Ojhar-Tambat and Wadali Canals.

199. There was a keen demand for canal water during both kharif and rabi seasons on account of the local failure of the monsoon and the area irrigated was over 5,000 acres showing an increase of about 1,000 acres on the preceding three years.

(*b*) WORKS UNDER CONSTRUCTION.

Protective Works.

Pravara River Works.

200. This system, which is still under construction, comprises (*i*) a storage reservoir called Lake Arthur Hill on the Pravara River at Bhandardara (near the foot of Mount Kalsubai) 29 miles by road from Igatpuri, (*ii*) a pick-up-weir at Ojhar, 50 miles down the river and (*iii*) two canals taking off from the weir, one on each bank of the river, named the Pravara Right and Left Bank canals, 33 miles and 48 miles long respectively.

201. The masonry dam will be 270 feet high and about 1,600 feet long. It was started in 1911 and has now reached a maximum height of well over 200 feet. When fully completed the storage will amount to approximately 18,000 million cubic feet and will irrigate some of the lands most affected by famine in the Ahmednagar Collectorate, the culturable area under command being 162,976 acres of which 75,000 acres are expected to be irrigated annually.

202. Some water from storage is already available for irrigation and proved of great value in saving crops during the recent famine. A large sugar factory owned by the Belapur Company has started operations near Belapur Railway station. This concern will eventually bring about 2,000 acres under sugarcane every year out of about 6,000 acres which the Company have acquired.

203. Owing to shortage of funds at the beginning of the working season, the progress of the work suffered severely and only 9¼ lakhs of cubic feet of masonry have been added to the dam during the year instead of the anticipated 14 lakhs, but nevertheless it was possible to give employment to over 2,000 people who would otherwise have been employed on famine relief works.

204. The progress of work on the canals is also well advanced and it is anticipated that the whole scheme will be completed in 1923, and as work progresses irrigation is being extended.

205. The estimated cost of the scheme was Rs. 1,27,04,607 but this will be increased by about 20 per cent. due to the rise in prices. A revised estimate was under preparation. The expenditure on "Works" alone during the year was about 8½ lakhs of rupees and the total amount spent up to date is about 81 lakhs of rupees.

206. Investigations are afoot for providing a balancing tank of a sufficient capacity as near the canal head-works as possible, as the basin at the Ojhar pick-up-weir is too small to meet requirements. The possibility of developing hydro-electric power, both at the foot of the dam at Bhandardara and at a point a little down the river where a natural fall of about 200 feet exists, is also receiving attention; a total of 5,000 E. H. P. seems by no means impossible with suitable arrangements.

207. The total area irrigated during the year was over 26,000 acres as against 17,000 acres in the preceding year, and the gross revenue was over Rs. 80,000; the probable net revenue will be about Rs. 26,000.

Girna River Works.

208. This is comparatively a small irrigation system in the Nasik Collectorate, comprising a storage called the Chankapur Tank and the Girna Left Bank Canal which will be about 19 miles long when its extension is completed. The total culturable area commanded by the canal is 25,300 acres. The Chankapur tank lies on the Girna River, a tributary of the Tapti river and its dam of masonry has a maximum height of 140 feet; the storage also supplies some water to the Jamda Canals in the East Khandesh Collectorate, about 80 miles away, as well as to a few small irrigation works *en route*.

209. The area irrigated during the year was over 5,000 acres and the gross assessed revenue was nearly Rs. 25,000 and the probable net revenue will be about Rs 3,000.

New Masonry Dam at Bhatghar and Nira Right Bank Canal.

210. This irrigation work will, when completed, be the largest in the Deccan and though the canal will depend for its supply upon a storage at Bhatghar, about 32 miles from Poona, and will pass through the northern tracts of Satara Collectorate and Phaltan State, it will mainly benefit the western portion of the Sholapur Collectorate which is very liable to famine.

211. The project comprises the construction of a larger dam at Bhatghar to replace the existing dam, as stated in the paragraph regarding the Nira Left Bank Canal, so as to increase the storage from about 5,800 to about 24,000 million cubic feet, with a view to provide a supply to both the old Left Bank Canal and the new Right Bank Canal. The latter starts like the former from the head-works at Vir, some 20 miles below the Bhatgar storage and will end near Mohod in the Sholapur Collectorate, the total length being about 110 miles.

212. The works were started in 1912 and, though they passed through various vicissitudes consequent on the war, the improvement made in the progress of the construction since the preceding year makes it possible to hope to commence irrigation in the year 1924. Work on the dam had to be curtailed owing to funds not being readily available; nevertheless about 20 lakhs of cubic feet of masonry were added to the dam bringing the total up to the end of the year to about 97 lakhs and leaving a balance of 118 lakhs. If there be no further set-back it is expected to complete the dam in the year 1926.

213. The previously estimated cost of the project, as sanctioned by the Secretary of State in 1912, amounts to Rs. 2,57,72,499, but, due to the insufficiency of the amount chiefly owing to the conditions arising out of the war, a revised estimate amounting to Rs. 4,91,10,880 has recently been submitted. An amplification of the scheme with a view to develop the irrigation of the lands in the Nira valley (some 5 to 6 lakhs of acres) to the utmost extent possible is also under preparation.

214. The total expenditure incurred on "works" during the year amounted to nearly Rs. 18 lakhs, bringing the total outlay on "works" up to date to about Rs. 152 lakhs.

215. The storage at Bhatghar provides a sufficient head and discharge to produce electrical energy of over 3,000 Horse Power at the foot of the dam. Part of this energy is already being utilized for driving all machinery used for construction such as mortar mills, stone crushers, work-shop plant, etc., and for lighting and other purposes, the installation consisting of 4 units of 256 K.W. each, the voltage being 2,000.

(ii) Works for which only revenue accounts are kept.

216. These include numerous old *bandharas* or weirs built across small streams to raise the level of the water sufficiently high to enable it to command the lands to be irrigated. In all there are about 300 of these small works in the Nasik Collectorate alone, and there is also a large number in West Khandesh. The outlay on repairs and improvements amounted to about Rs. 28,000 during the year.

4—SOUTHERN DIVISION.

General Remarks.

217. During the year, the Satara District which was under the control of the Superintending Engineer, Southern Division, was transferred to the control of the Superintending Engineer, Central Division, with effect from 1st November 1920 and consequently information regarding the Krishna canal, Revari Canal, Upper Man River Works, Yerla River Irrigation Works, Chikhli canal and Maini tank has been given in the Report of the Central Division.

218. The tanks in the Belgaum, Sampgaon and Khanapur talukas of the Belgaum District for which only revenue accounts are kept were transferred to the Dharwar Irrigation District; Gaddikeri tank at Mugutkhan Hubli, a first class tank, which was hitherto under the control of the Executive Engineer, Belgaum District, was also transferred to the Dharwar Irrigation District.

(i) First Class Irrigation Works.

219. The area irrigated and the gross assessed revenue on the first class irrigation works remaining in charge of the Superintending Engineer, Southern Division, during the year were about 22,000 acres and Rs. 97,000 respectively which show an increase of 26 per cent. and 42 per cent. respectively when compared with the average of the previous three years. This is due to a keen demand for water for monsoon and rabi crops especially under the Gokak Canal in consequence of the scarcity of rainfall.

Gokak Canal

220. The Gokak Canal is the most important work in this Division. This irrigation system consists of a reservoir formed by a masonry weir across the Ghataprabha river at Dhupdal in the Belgaum District and a short length of canal taking off this reservoir.

221. The level of the water in the Dhupdal reservoir on 1st April 1920, was 18·28 feet and it fell steadily to 10·75 feet above the sill of the sluices on 2nd June 1920 when rain began to cause a steady replenishment and the tank overflowed on 22nd June 1920. The highest flood of the year occurred on 9th July 1920, when the water reached a level of 2 feet above the permanent crest of the weir which is at R.L. 2008·06.

222. The weir crest (2,985 feet in length) was as usual temporarily raised by two feet at a cost of Rs. 1,497 and the additional storage of 256 million c.ft. of water thus obtained was most useful for the irrigation of rabi crops and for meeting the demand of the Mills at Gokak.

223. The rainfall of the year was much below the average and being unfavourable, especially in the rabi season, there was a heavy demand for water then. This scanty rainfall also caused great distress in some parts of the Belgaum District, but the tract served by the Gokak Canal was not very much affected. The canal was run full till 7th December 1920, and then, owing to low level in the reservoir, a smaller discharge was allowed to pass through the canal till 18th January 1921 when it was entirely closed. Later on, when it was noticed that much of the rabi would be seriously damaged unless one more watering was given, the canal was reopened for a week. This supply of water proved exceptionally valuable and was most gratefully used by the cultivators. Thus it was not only that the crops were saved, but the area irrigated during that season was the highest on record.

224. The agreement with the Mills at Gokak is that they are to be supplied with water for six days a week at the rate of 146 cusecs for 13 hours a day, and for that they pay Rs. 14,313 per year. In the year under report, owing to the low water level in the reservoir, the Mills took only one quarter of the usual supply in the periods 28th April 1920 to 1st May 1920 and 7th May 1920 to 5th June 1920. The Mills, however, were never obliged to stop work in consequence of shortage of water.

Dharma Canal.

225. This canal was open from 14th June to 21st October 1920 and it had a good steady supply of water. The crops irrigated by the canal and by the tanks depending on it were of good class.

Other Tanks.

226. The remaining works are all small tanks mostly in the Dharwar District irrigating from 50 to 600 acres.

(ii) Works for which only revenue accounts are kept.

227. Most of these works are in the Dharwar District and for the most part they supplement rainfall and irrigate rice during the periods when rain is holding off. During the year 53 tanks were repaired at a total cost of Rs. 46,000 the average expenditure on such repairs during the previous triennium being Rs. 44,000.

228. The total area irrigated by these small tanks was about 95,000 acres and the irrigation share of the consolidated assessment amounted to about Rs. 8 lakhs.

5.—SCIENTIFIC WORKS.

(a)—Engineering questions that have arisen.

229. Observations to ascertain losses by evaporation and absorption were made by means of iron tanks placed in certain tanks and reservoirs and the results are published in the "Annual Report of supplies of water available for irrigation works, etc." for 1920.

(b)—Special Irrigation District.

230. This charge deals with scientific investigations in connection with various problems related to irrigation from the Deccan Canals. The investigations are conducted on canals, in laboratories, experimental farms and private fields. The main problem has been to reclaim lands rendered unfit for cultivation due to water-logging and salt-efflorescence, and to prevent the occurrence of these evils, especially in areas where sugarcane is grown. The results achieved in this direction are very satisfactory and it seems now to be proved beyond doubt that the worst affected lands can be completely regenerated at a comparatively small cost by means of a well considered system of permanent drains, combined in the first few years, with the restoration of the physical texture of the soil with the aid of surface washing or leaching of the salts, suitable initial plantations, green manuring, admixture of coarse vegetable matter, etc.

231. The preventive measures against deterioration of land will be based on lessons learnt from reclamation work. As the nature of the subsoil decides whether any artificial drainage is required or not and how it is to be carried out, extensive subsoil surveys are in progress.

232. The field of operations, which also includes observations of levels of water in wells, covers the areas commanded by the several open canals as well as by those under development or construction; several drainage schemes have already been prepared. The possibility of utilizing the drainage water for irrigation purposes as far as its salt contents will permit is also under inquiry.

233. Another interesting investigation being conducted by the Special Irrigation District is with regard to the value of sewage effluent as a manure for various crops. For this purpose the effluent from the Poona City Septic tanks is conveyed through pipes to a farm where it is diluted with canal water and distributed both to experimental fields and to private lands. It is satisfactory to be able to record that, so far, the effluent has, when properly applied, proved a successful form of manure which the people greatly appreciate. It is observed that no deterioration in the physical condition of the soil is caused and that the growth and outturn of crops is in no way inferior to that obtained by other methods of manuring. The effluent farm has now grown from 31 to 64 acres, and some 400 acres of private land also came under effluent treatment.

234. A minor matter to be recorded, but one with great possibilities on the Deccan Canals, is the establishment of a turbine of 6 H.P. on a fall of 10 feet in a distributary running through the effluent farm. With the aid of this power all the cane grown on the farm and some grown on private lands was crushed; the lesson learnt is being made use of in providing such small falls wherever possible on the Nira Right Bank Canal system with a view to their utilization for driving agricultural machinery.

(c) River Gauging.

235. Several of the rivers in the Presidency proper, the waters of which give any promise of the possibility of the utilization thereof for irrigation purposes, are being gauged, and the discharges measured. Experiments to ascertain the quantity of silt contained in the waters of some of the rivers were also made during the year. The results of all these observations and experiments are published in the "Annual Report of Supplies of water available for Irrigation Works, etc." for 1920.

Several rain gauges were also maintained as usual by the Executive Engineers concerned.

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ADMINISTRATIVE ACCOUNTS

PUBLIC WORKS DEPARTMENT

(IRRIGATION)

BOMBAY PRESIDENCY

FOR THE YEAR

1920-21.

No 174—1

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	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2. Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account	No. 5 Account of Indirect Charges	No. 6 Statement comparing Charges to date with sanctioned estimate.
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IRRIGATION BRANCH.

PUBLIC WORKS
ADMINISTRATIVE ACCOUNTS

No. I.—*General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the*

MAJOR

Name of Work.	Estimated Cost of Construction.			Capital Outlay.						Receipts
				During 1920-1921.			To end of 1920-1921.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.
1	2	3	4	5	6	7	8	9	10	11
35.—PROTECTIVE IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
DECCAN AND GUJARÁT.										
Works in Operation.										
Pravara River Canal	1,11,20,711	5,49,881	1,16,70,592	11,37,682	35,706	11,73,388	1,01,86,370	3,17,929	1,05,04,299	14,764
Chankapur Tank	19,59,835	66,791	20,26,626	38,404	1,203	39,607	19,27,827	63,566	19,91,433	19,630
Godavari Canal	96,57,809	4,93,518	1,01,51,321	49,417	1,548	50,965	96,57,040	4,93,624	1,01,50,670	3,35,326
Nira Canal and Shetphal Tank	61,37,104	3,67,988	65,55,087	31,225	948	32,183	62,53,209	3,70,108	66,23,317	9,56,390
Bhatghar Tank	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	49,459
Gokak Canal, First Section ...	4,00,939	11,727	4,12,666	...	...	...	4,00,939	11,727	4,12,666	...
Total, Works in Operation...	3,13,41,945	16,80,333	3,29,22,278	12,56,733	39,405	12,96,143	3,04,10,994	13,47,477	3,17,58,471	14,26,601
Works under Construction.										
Málidevi Tank	3,04,671	9,903	3,14,574	...	...	...	3,02,040	9,888	3,11,928	...
Budhihal do.	13,98,529	56,091	14,54,620	(a) —35	12	—23	4,91,656	18,317	5,09,983	...
Nira Right Bank Canal ...	2,50,09,263	8,00,631	2,58,09,894	25,02,331	74,900	25,77,231	1,92,67,468	4,55,971	1,97,23,439	...
Total ...	2,67,12,463	8,66,625	2,75,79,088	25,02,296	74,912	25,77,208	2,00,61,174	4,84,176	2,05,45,350	...
Total, Protective Irrigation Works	5,80,54,408	24,46,958	6,05,01,366	37,59,034	1,14,317	38,73,351	5,04,72,168	18,31,653	5,23,03,821	14,26,601
49.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Desert Canal	28,55,301	80,015	27,35,316	...	...	...	28,55,301	80,015	27,35,316	84,832
Unharwah	7,08,050	20,780	7,28,830	...	...	...	7,08,050	20,780	7,28,830	1,370
Begari Canal	23,94,877	79,150	24,74,027	—5,427	—107	—5,544	23,94,877	79,150	24,74,027	28,090
Mahiwah	14,45,248	72,108	15,17,356	...	...	...	13,80,992	68,792	14,49,684	2,892
Eastern Nára Works ...	72,95,515	2,53,074	76,48,589	24,469	847	25,316	71,05,160	2,46,279	73,51,439	26,665
Jámrão Canal	87,54,559	2,66,383	90,51,017	—137	3,375	3,238	87,79,588	2,64,907	90,44,722	49,502
Dád do.	25,35,587	88,099	26,63,376	—2,918	—101	—3,019	25,61,719	93,568	26,55,287	685
Nasrat do.	18,04,834	58,119	18,62,953	—973	—34	—1,007	18,04,834	58,119	18,62,953	550
Total, Works in Operation...	2,77,14,151	9,27,613	2,86,41,764	15,004	3,980	18,984	2,74,50,718	9,01,610	2,83,52,328	1,94,756
Works under Construction.										
Scharwah Canal	8,57,487	22,038	8,79,526	11,724	230	11,954	29,348	564	29,912	...
Naulakhi Canal	12,17,985	44,619	12,62,554	...	...	...	6,112	33	6,145	...
Sukkur Barrage	15,978	...	15,978	15,888	423	13,306	12,590	423	13,022	...
Total ...	20,91,399	66,657	21,58,058	24,607	653	25,260	47,050	1,020	48,079	...
Total, Sind ...	2,98,05,546	9,94,270	3,07,99,816	39,611	4,633	44,244	2,74,97,777	9,02,630	2,84,00,407	1,94,756
DECCAN AND GUJARÁT.										
Works in Operation.										
Hátmanti Canal and Khari Cut Canal	12,40,968	74,990	13,15,973	...	...	...	12,40,968	74,990	13,15,973	47,914
Lower Panjhra River Works.	4,45,332	28,289	4,68,621	...	...	...	4,45,332	28,289	4,68,621	10,869
Kádva River Works. ...	9,71,741	62,450	10,34,191	...	...	...	9,71,741	62,450	10,34,191	45,648
Pravara River Works—										
Lákh Canal	3,52,446	19,445	3,71,891	...	...	...	3,52,446	19,445	3,71,891	1,004
Mutha Canals and Mótoba Tank	62,44,749	2,95,316	65,40,065	5,637	172	5,809	62,44,640	2,95,313	65,39,953	3,84,042
Hivrik Tank	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	1,35,470
Krishna Canal	8,96,262	51,507	9,46,769	...	...	...	8,92,977	51,482	9,44,459	36,559
Total, Deccan and Gujarát...	1,13,79,680	6,39,216	1,20,17,896	5,637	172	5,809	1,13,76,226	6,29,188	1,20,15,474	6,54,506
Total, 49.—Irrigation Works	4,11,84,226	16,33,486	4,28,17,712	45,248	4,805	50,053	3,88,74,003	15,41,818	4,04,15,881	8,49,262
GRAND TOTAL ...	9,92,38,634	40,80,444	10,33,19,078	38,04,282	1,19,122	39,23,404	8,93,46,221	33,73,471	9,27,19,702	22,75,863

Note (1).—Direct charges under Working Expenses include share of collection charges in the Civil Department calculated

Note (2).—Inclusive of corrections up-to-date.

(a) Includes Rs. 12 on account of adjustment under "46, Irrigation Capital Expenditure" as per telegram No. 5029, dated 19th December 1921, from the Auditor General. ¢ 36, Protective Irrigation

Bombay, 13th January 1922.

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1920-1921.

Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.

WORKS.

DURING 1920-1921.		WORKING EXPENSES DURING 1920-1921.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple Interest during 1920-21.	NET RESULT, INCLUDING INTEREST.			
							Rate per cent.					Rate per cent.	
Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Tot	Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.		Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
...	14,764	29,738	1,727	31,460	...	16,696	...	0·16	3,77,866	...	3,94,062	...	3·75
...	19,632	23,806	3,426	25,234	...	5,602	...	0·23	64,754	...	70,336	...	3·59
...	3,86,326	1,86,843	9,663	1,95,006	1,91,320	...	1·88	...	3,22,899	...	1,31,579	...	1·29
...	9,56,390	2,13,670	11,663	2,25,333	7,31,057	...	11·08	...	2,08,491	5,22,566	...	7·93	...
...	49,489	22,452	1,412	23,864	25,625	...	1·22	...	66,688	...	41,063	...	1·95
...	...	...	...	...	...	...	...	...	13,332	...	13,332	...	8·23
...	14,26,601	4,75,006	25,891	5,00,897	9,25,704	...	2·02	...	10,53,610	...	1,27,906	...	0·40
...	...	...	...	...	...	...	...	...	10,043	...	10,043	...	3·21
...	...	...	...	...	...	...	...	...	16,302	...	16,302	...	3·21
...	...	...	...	...	...	...	...	...	7,35,353	...	7,35,353	...	3·73
...	...	...	...	...	...	...	...	...	7,61,758	...	7,61,758	...	3·71
...	14,26,601	4,75,006	25,891	5,00,897	9,25,704	...	1·77	...	18,15,268	...	8,89,664	...	1·70
3,05,137	3,20,019	1,55,370	4,769	1,60,629	2,29,390	...	3·29	...	88,564	1,40,826	...	5·14	...
1,48,780	1,45,180	70,507	3,026	73,663	72,467	...	2·19	...	25,539	46,928	...	5·95	...
4,00,044	4,28,154	3,81,454	12,546	3,94,010	34,124	...	1·38	...	80,197	...	46,073	...	1·86
—6,066	—3,174	1,14,132	3,973	1,18,105	...	1,21,279	...	8·42	45,914	...	1,67,193	...	11·61
3,40,412	3,67,777	6,98,257	31,774	7,30,031	...	3,62,254	...	4·38	2,41,717	...	6,04,471	...	8·22
3,45,507	3,95,099	5,06,098	31,236	5,37,334	...	1,42,235	...	1·57	2,95,614	...	4,37,849	...	4·86
1,49,517	1,50,062	1,82,910	9,320	1,72,230	...	22,148	...	0·83	84,979	...	1,07,127	...	4·03
1,11,779	1,12,329	1,98,230	10,943	2,09,173	...	96,844	...	5·20	59,915	...	1,56,759	...	8·41
17,90,170	19,34,926	22,87,568	1,06,637	23,94,205	...	4,09,279	...	1·44	9,22,499	...	13,31,778	...	4·70
...	...	...	...	...	...	...	...	...	1,221	...	1,221	...	4·08
...	...	...	...	...	...	...	...	...	170	...	170	...	2·30
...	...	...	...	...	...	...	...	...	326	...	326	...	2·50
..	...	...	...	...	...	...	...	...	1,717	...	1,717	...	3·67
17,90,170	19,34,926	22,87,568	1,06,637	23,94,205	...	4,09,279	...	1·44	9,24,156	...	13,33,435	...	4·70
...	41,914	32,289	514	32,803	9,111	...	0·69	...	41,235	...	32,154	...	2·44
6,521	17,395	8,022	346	8,368	9,022	...	1·98	...	14,810	...	5,788	...	1·24
594	46,242	34,408	2,012	36,420	9,822	...	0·95	...	32,312	...	22,490	...	2·17
225	1,229	2,541	147	2,688	...	1,459	...	0·89	13,720	...	13,179	...	3·54
52	3,84,094	1,48,506	6,557	1,55,063	2,29,031	...	3·50	...	2,07,946	21,785	...	0·33	...
..	1,35,470	28,739	1,062	29,811	1,05,659	...	7·83	...	40,837	64,822	...	4·84	...
...	35,559	17,751	573	18,324	17,235	...	1·32	...	29,694	...	12,459	...	1·32
7,392	6,61,898	2,72,266	11,211	2,83,477	3,78,421	...	3·15	...	2,77,884	537	...	...	...
17,97,562	26,46,824	25,59,834	1,17,848	26,77,682	...	80,858	...	0·68	13,02,040	...	13,32,898	...	3·30
17,97,562	40,73,425	30,34,840	1,43,739	31,78,579	8,94,846	...	0·97	...	31,17,306	...	22,22,462	...	2·40

ascertain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

The amount represents cost of stores received from England the payment of which was erroneously a debited under "45, Irrigation Capital Expenditure" instead of under Works" during the year 1920-21.

J. STUART MILNE,
Accountant General.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

No. 1.—*General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.*

Name of Project.	Estimated Cost of Construction.			Capital Outlay.						Receipts during 1920-1921.			Working Expenses.			Net Results, excluding Interest (Difference between Revenue and Working Expenses).			
				During 1920-1921.			To end of 1920-1921.											Rate per cent.	
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.	Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (surplus).	Excess Expenditure (deficit).	Of excess Revenue.	Of excess Expenditure.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
43.—Minor Works and Navigation.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works for which Capital and Revenue Accounts are kept.																			
Sind.																			
Works in Operation.																			
Sukkur Canal	13,76,052	61,761	14,37,813	...	...	...	13,76,052	61,761	14,37,813	5,136	1,52,345	1,57,481	1,41,071	2,447	1,44,418	13,063	...	0·91	...
Ghar do.	6,04,766	50,886	6,55,652	34,477	640	35,117	5,82,382	31,494	6,14,376	7,817	7,35,302	7,43,119	1,05,624	2,775	1,08,399	5,44,720	...	88·66	...
Suttab Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	6	16,700	16,706	11,902	126	12,118	4,588	...	2·55	..
Alibhar Kacheri Canal ...	98,446	2,621	1,01,067	51,358	1,769	53,122	74,590	2,472	77,062	669	5,532	6,201	−2,169	−23	−2,192	8,393	...	10·89	...
Mánk Great Canal	4,18,756	15,511	4,34,267	−4,686	−196	−4,875	4,18,756	15,511	4,34,267	4,749	89,941	94,693	18,346	592	18,938	75,755	...	17·44	...
Surfrázwáh	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	2,073	32,161	34,234	16,333	514	16,847	17,387	...	13·95	...
Fuleli Canal	19,74,646	72,881	20,47,527	1,48,119	5,011	1,53,130	21,22,765	77,892	22,00,657	38,920	6,40,245	6,79,165	2,04,061	6,541	2,10,605	4,68,560	...	21·29	...
Hasanali Canal	2,89,929	14,876	3,04,805	...	...	...	2,89,929	14,876	3,04,805	312	37,581	37,893	20,542	642	21,184	16,709	...	5·48	...
Total Sind ...	50,55,183	2,30,708	52,85,890	2,29,264	7,230	2,36,494	51,57,531	2,16,185	53,73,716	59,082	17,99,310	18,58,392	6,06,700	13,617	6,20,317	11,49,175	...	21·39	...
Deccan and Gujarát.																			
Works in Operation.																			
Wangroli Tank	2,40,227	50,703	2,90,930	...	...	...	2,40,227	50,703	2,90,930	6,429	8,048	14,537	7,881	107	7,988	6,549	...	2·25	...
Tranza Nagrana Tank ...	2,38,032	42,603	2,80,635	...	...	...	2,38,032	42,603	2,80,635	832	11	843	1,380	22	1,412	...	569	...	0·20
Sávli Tank	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	7,286	...	7,286	5,824	87	5,911	1,345	...	0 52	...
Sahiat Tank	1,58,452	25,577	1,84,029	...	...	...	1,58,452	25,577	1,84,029	1,552	1,297	2,959	5,711	87	5,798	...	2,939	...	1·59
Fotelao Tank	1,07,356	9,105	1,16,461	...	...	...	1,07,356	9,105	1,16,461	393	...	393	1,530	24	1,554	...	1,191	...	1·02
Harkás Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	1,299	...	1,299	1,016	51	1,067	232	...	0·32	...
Mánava Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	1,197	...	1,197	1,527	78	1,605	...	408	...	0·29
Jámda Canals	9,91,178	49,911	10,41,089	...	...	..	9,91,178	49,911	10,41,089	3,142	...	3,142	13,129	639	13,768	...	5,646	...	0·54
Pársul Tank	2,11,095	6,951	2,18,046	...	...	...	2,05,007	6,988	2,11,995	4,457	...	4,457	999	39	1,038	3,419	...	1·50	...

Pravara Left Bank Canal ...	3,24,317	33,333	3,47,650	...	...	...	3,24,317	22,223	3,47,350	25,787	70	25,863	67,466	1,814	93,280	...	13,417	...	3·85
Bhatodi Tank	3,52,685	27,022	3,79,707	...	...	...	3,52,685	27,023	3,79,707	7,485	2,168	9,653	7,934	261	7,935	1,723	...	0·47	...
Kásurdi do.	40,812	4,778	45,590	...	...	...	40,812	4,778	45,590	282	...	282	3,930	224	3,924	...	3,022	...	0·63
Shirsuphal do.	2,12,190	12,369	2,24,558	...	...	...	2,12,190	12,369	2,24,558	5,046	...	5,046	2,759	184	2,943	2,103	...	0·24	...
Bhákalwádi do.	2,13,115	14,307	2,27,422	...	...	...	2,13,115	14,307	2,27,422	11,287	...	11,287	4,118	290	4,408	6,879	...	3·02	...
Koregaon do.	37,923	1,366	39,189	...	...	...	37,923	1,366	39,189	362	...	362	1,402	64	1,470	...	508	...	1·55
Ashti do.	7,57,050	79,041	8,36,091	...	...	...	7,57,050	79,041	8,36,091	37,788	...	37,788	3,892	279	8,171	29,617	...	3·64	...
Páthri do.	6,27,325	15,021	6,42,346	...	...	...	6,27,325	15,021	6,42,346	11,606	...	11,606	3,726	150	3,876	7,730	...	1·20	...
Revári Canal	56,771	3,040	59,811	...	...	...	56,771	3,040	59,811	3,600	...	3,600	3,526	125	3,651	...	51	...	0·09
Upper Mán River Works ...	4,18,535	23,451	4,39,386	...	...	...	4,15,385	23,451	4,30,286	4,907	...	4,907	3,611	308	8,949	...	4,042	...	0·92
Yerla River Irrigation Works	7,27,683	44,131	7,71,814	...	...	..	7,19,542	45,328	7,64,870	22,157	...	22,157	21,477	770	22,247	...	90	...	0·01
Chikhli Canal...	53,803	3,639	57,442	...	...	..	53,803	3,639	57,442	1,345	...	1,345	1,763	61	1,824	...	479	...	0·83
Máini Tank	4,63,125	35,525	4,97,650	...	...	..	4,62,125	35,525	4,97,650	12,543	...	12,543	9,028	342	9,370	3,173	...	0·65	...
Muchkundi Tank ...	1,40,217	15,490	1,55,707	...	...	...	1,40,217	15,490	1,55,707	367	...	367	2,427	119	2,526	...	2,259	...	1·42
Gadikeri do.	16,363	555	16,918	...	...	...	16,363	555	16,918	...	2,029	2,029	534	16	550	1,479	...	8·74	...
Gokák Canal, First Section, and Storage Works ...	9,00,311	68,445	9,69,356	...	...	...	9,00,311	68,445	9,68,756	49,643	...	49,643	10,135	436	10,571	39,072	*	4·03	...
Dambal Tank	60,247	3,133	63,380	...	...	...	60,247	3,133	63,380	1,140	916	2,056	1,809	67	1,867	189	...	0·76	...
Mudleri do.	78,354	3,038	81,392	...	...	...	78,354	3,038	81,392	841	...	841	292	13	305	536	...	0·66	...
Madag do.	1,61,248	6,350	1,67,598	...	...	...	1,61,248	6,350	1,67,598	1,889	...	1,889	2,032	97	2,129	...	240	...	0·14
Asundi do.	60,741	14,264	74,995	...	...	...	60,741	14,254	74,995	642	667	1,309	1,169	68	1,537	...	208	...	0·28
Mávinkop do.	30,185	3,319	33,504	...	...	...	30,185	3,319	33,504	...	2,288	2,288	2,543	115	2,658	...	370	...	1·10
Dharma Canal	95,882	2,762	98,334	43	1	44	95,606	2,325	97,932	3,260	974	4,234	2,315	119	2,394	1,870	...	1·91	...
Total Works in Operation ...	81,84,639	6,38,649	88,23,288	43	1	44	81,72,437	6,39,454	88,11,891	2,34,014	18,459	2,52,503	1,74,710	7,066	1,81,776	70,727	...	0·80	...
Works under Construction.																			
Victoria Tank	4,37,530	23,473	4,61,003	—251	1	—250	62,955	4,026	66,981	...	...	...	...	...	...	...	...	...	...
Seki River	...	...	...	...	...	...	15,139	385	15,524	...	...	...	...	...	...	...	...	...	...
Total ...	4,37,530	23,473	4,61,003	—251	1	—250	78,094	4,411	82,505	...	...	...	...	...	...	...	...	...	...
Works in Abeyance.																			
Gokák Canal, Second Section.	1,78,003	13,991	1,91,995	...	...	...	1,76,306	13,978	1,90,284	...	...	...	...	...	...	...	...	...	...
Total Deccan and Gujarát ...	86,00,170	6,76,113	94,76,286	—208	2	—206	84,26,837	6,57,843	90,84,680	2,34,014	18,459	2,52,503	1,74,710	7,066	1,81,776	70,727	...	0·78	...
Grand Total—Works for which Capital and Revenue Accounts are kept ...	4,85,55,852	9,06,824	1,47,62,176	2,29,056	7,322	2,36,388	1,35,84,368	8,74,028	1,44,58,396	2,93,096	17,28,299	20,21,395	7,81,410	20,688	8,02,093	12,19,302	...	8·44	...
Works for which only Revenue Accounts are kept.																			
Sind	...	...	...	...	...	...	...	...	...	56,823	20,98,700	21,55,523	13,40,562	...	13,40,562	8,14,761	...	...	...

NOTE.—(1) Direct Charges under Working Expenses include share of collection charges in the Civil Department calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.
(2) Inclusive of corrections upto date.

*The rate per cent. on the total cost (Rs. 18,81,922) of the Project comes to 2·83.

Bombay, 13th January 1922.

J. STUART MILNE,
Accountant General.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	2,252	2,517	4,769	4,618	.....
B. Land	53,472	33,424	86,896	1,62,403	.....
C. Works	37,95,198 / —2,57,719	5,53,061	40,90,540	47,89,000	.....
K. Buildings	41,658	14,295	55,953	52,895	.....
O. Miscellaneous	32,356	24,785	57,141	34,751	.....
P. Maintenance	46,236	5,091	51,327	50,199	.....
Total Head Works ...	37,13,453	6,33,173	43,46,626	50,93,806	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	12,370	...	12,370	13,755	.....
B. Land	62,454	...	62,454	82,462	.....
D. Regulators	48,803	1,195	49,998	50,336	.....
E. Falls and Weirs	15,649	...	15,649	15,654	.....
F. River and Hill torrent works ...	4,76,308	1,140	4,77,748	4,79,094	.....
G. Bridges	1,10,135	...	1,10,135	1,10,183	.....
H. Escapes	20,109	51	20,160	20,656	.....
K. Buildings	1,39,787	2,790	1,42,577	1,99,186	.....
L. Earth-work	15,88,506	—881	15,87,625	15,96,199	.....
M. Plantations	68,359	162	68,521	68,109	.....
O. Miscellaneous	30,180	1,360	31,540	35,326	.....
P. Maintenance	33,884	326	34,210	43,194	.....
Total Main Canals and Branches ...	26,06,544	6,443	26,12,987	27,14,164	.....
Carried over ...	63,19,997	6,39,616	69,59,613	78,07,970	.....

IRRIGATION BRANCH. **BOMBAY PRESIDENCY**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.— Capital Account for, and to end of, 1920-1921—continued.

Heads of Account.	DIRECT CHARGES. Previous.	1920-21.	Total.	Cost of construction as now estimated.	Expenditure against closed estimates.
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	63,19,997	6,39,616	69,59,613	78,07,970	.....
I.—WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses ...	11,523	...	11,523	16,169	.....
B. Land	48,938	4,862	53,800	83,540	.....
C. Works	1,70,999	46,082	2,17,081	3,10,180	.....
D. Earth-work	89,879	56,410	1,46,289	1,24,766	.....
O. Miscellaneous	2,44,947	33,859	2,78,806	3,16,635	.....
P. Maintenance	1	58	59	7,499	.....
Total, Distributaries ...	5,66,287	1,41,271	7,07,558	8,58,789	.....
(5) Special Tools and Plant ...	*2,57,719 1,23,678	(a)72,697	4,53,994	4,81,469	.....
Total, I.—Works ...	72,67,581	8,53,584	81,21,165	91,48,228	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	15,81,402	2,55,040	18,36,442	18,34,495	.....
3. Executive					
Total, II.—Establishment ...	15,81,402	2,55,040	18,36,442	18,34,495	.....
III.—TOOLS AND PLANT	2,00,024	31,814	2,40,838	1,37,988	.....
IV.—Suspense Accounts	1	—1	.....	.....	.....
Grand Total ...	90,58,008	11,40,437	1,01,98,445	1,11,20,711	.....
V.—*Less* Receipts on Capital Account .	9,320	2,755	12,075	.....	.....
Net Outlay ...	90,48,688	11,37,682	1,01,86,370	1,11,20,711	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	85,12,197	11,37,682	96,49,879	1,11,20,711	.....
Chargeable to 43.—Minor Works and Navigation	22,623	...	22,623		
Chargeable to 38.—Famine Relief ...	5,13,868	...	5,13,868		
Total ...	90,48,688	11,37,682	1,01,86,370	1,11,20,711	.....

* Amount to end of 1918-19 transferred to the new head (5) Special Tools and Plant.

(a) Includes Rs. 229 on account of exchange on stores adjusted by Journal entry forwarded to the Auditor General under No. 16-1—2346 dated 23rd December 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 8.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,20,141	13,582	1,33,723	2. Main Canals and Branches ...	4,976	24	5,000
3. Sales of water ...	133	...	133	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	2,984	684	3,668	2. Main Canals and Branches ...	93,882	13,029	1,06,911
6. Other Canal Produce ...	824	382	1,206	3. Distributaries ...	5,601	3,064	8,665
9. Rents of Buildings.	786	3	789	Total ...	99,483	16,093	1,15,576
10. Fines	189	19	208	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts	2,077	94	2,171	1 & 2. Direction and Accounts .. 3. Executive	59,618	12,335	71,953
				Total ...	59,618	12,335	71,953
Total ...	1,27,134	14,764	1,41,898	V.—TOOLS AND PLANT ...	1,942	601	2,543
II.—INDIRECT RECEIPTS.				VI.—REFUNDS OF REVENUE ...	462	...	462
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Total ...	1,66,481	29,053	1,95,534
				Share of Collection Charges in the Civil Department	6,012	680	6,692
Total Receipts ...	1,27,134	14,764	1,41,898	Indirect Charges debitable to Revenue Account as per Account No. 5	8,347	1,727	10,074
				Total Charges ...	1,80,840	31,460	2,12,300
				Balance Net Revenue ...	—53,706	—16,696	—70,402
Grand Total ...	1,27,134	14,764	1,41,898	Grand Total ...	1,27,134	14,764	1,41,898

N.B.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.L.-12327, dated 18th December 1917, Re. 732.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	16,64,561	Net Revenue realized to end of 1919-1920 ...	—53,706
		Do. during 1920-1921 ...	—16,696
Interest charges for the year 1920-1921 ...	3,77,366		—70,402
		Balance net interest charges	21,12,329
Total ...	20,41,927	Total ...	20,41,927

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1919-1920.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	60,897	.....	60,897
2. Leave and Pension Allowances	2,21,396	35,706	2,57,102
Total ...	2,82,293	35,706	3,17,999
REVENUE—			
2. Leave and Pension Allowances	8,347	1,727	10,074

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	81,21,165	91,48,228	10,27,063	81,21,165	
Establishment ...	...	...	...	18,36,442	18,34,495	—1,947	18,36,442	Revised estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 37-E-W. of 21st August 1917, *vide* Government of India's No. 613-I. of 15th November 1917, communicated in Government Resolution No. W.I.-3848, dated 4th April 1918. Rs. 1,27,04,607.
Tools and Plant ...	...	...	...	2,40,838	1,37,988	—1,02,850	2,40,838	
Suspense Accounts.	..	...	...	...	...	...	...	
Total ...	...	...	...	1,01,98,445	1,11,20,711	9,22,266	1,01,98,445	*Deduct*—Estimate of the undermentioned works, as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, *vide* Government of India's No. 1951-I. of 28th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :—
Less—Receipts on Capital Account.	...		...	12,075	...	—12,075	12,075	
Net Total ...	...	...	...	1,01,86,370	1,11,20,711	9,34,341	1,01,86,370	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	...	...	...	60,897	2,93,051	2,32,154	60,897	Miladevi Tank ... Rs. 3,14,574 Pravara Left Bank Canal ... 8,47,550 Lakh Canal ... 8,71,891 Rs. 10,34,015 Net amount shown in this account... 1,16,70,592
Leave and Pension Allowances ...	...	...	...	2,57,102	2,56,830	—272	2,57,102	
Total ...	...	...	...	3,17,999	5,49,881	2,31,882	3,17,999	
Grand Total ...	...	...	...	1,05,04,369	1,16,70,592	11,66,223	1,05,04,369	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land	19,056	...	19,056	19,056	19,056
C. Masonry Works	8,82,680	...	8,82,680	8,82,680	8,82,680
K. Buildings	11,459	...	11,459	11,459	11,459
L. Earth-work	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	...	10,43,256	10,43,256	10,43,256
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	620	541	1,171	1,349	349
B. Land	6,634	803	7,437	10,589	2,102
C. Masonry Works	1,50,629	13,976	1,64,605	2,13,857	1,25,966
C (*b*). Falls and Weirs	392	...	392	392	392
C (*c*). River and Hill Torrent Works	71,143	...	71,143	.....	.....
C (*e*). Bridges	718	...	718	.....	.....
K. Buildings	11,990	...	11,990	6,148	6,148
L. Earth-work	1,68,261	1,490	1,69,751	2,17,413	92,086
M. Plantations	5,183	...	5,183	5,183	5,183
O. Miscellaneous	3,949	202	4,151	521	.....
P. Maintenance	.....	...	.....	700	.....
Total, Main Canals and Branches ...	4,19,529	17,012	4,36,541	4,56,152	2,32,226
(3)—*Distributaries.*					
A. Preliminary Expenses ...	8,433	...	8,433	6,717	6,717
B. Land	3,221	...	3,221	3,221	3,221
C. Masonry Works	5,373	...	5,373	5,373	5,373
L. Earth-work	7,794	...	7,794	7,794	7,794
O. Miscellaneous	27,720	11,725	39,445	54,939	29,380
Total, Distributaries ...	52,541	11,725	64,266	78,044	52,485
Total, I.—Works ...	15,15,326	28,737	15,44,063	15,77,452	13,27,967
Carried over ...	15,15,326	28,737	15,44,063	15,77,452	13,27,967

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	15,15,326	23,737	15,44,063	15,77,452	13,27,967
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,17,264	8,595	3,25,859	3,34,644	2,78,510
3. Executive					
Total, II.—Establishment ...	3,17,264	8,595	3,25,859	3,34,644	2,78,510
III.—TOOLS AND PLANT ...	59,015	1,072	60,087	59,871	56,129
Grand Total ...	18,91,605	33,404	19,30,009	19,71,967	16,62,606
V.—*Less* Receipts on Capital Account	2,132	...	2,132	2,132	2,132
Net Outlay ...	18,89,473	33,404	19,27,877	19,69,835	16,60,474
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works .	18,55,157	33,404	18,93,561	19,35,519	16,26,158
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316	34,316	34,316
Total ...	18,89,473	33,404	19,27,877	19,69,835	16,60,474

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKAPUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,26,570	19,224	1,45,794	1. Head Works	7,867	...	7,867
				2. Main Canals and Branches	8,915	3,302	12,217
3. Sales of water ...	14	...	14	Total ...	16,782	3,302	20,084
5. Plantation ...	301	51	547	II.—MAINTENANCE AND REPAIRS.			
6. Other Canal Produce.		195					
9. Rents of Buildings.	288	1	289	1 Head Works	36,030	4,871	40,901
10. Fines	175	36	211	2. Main Canals and Branches	33,790	3,494	37,284
11. Miscellaneous Receipts	2,157	125	2,282	3. Distributaries ...	4,018	535	4,553
				Total ...	73,838	8,900	82,738
Total ...	1,29,505	19,632	1,49,137	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	58,904	10,188	69,092
				3. Executive			
II.—INDIRECT RECEIPTS.				Total ...	58,904	10,188	69,092
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	V.—TOOLS AND PLANT ...	3,432	455	3,887
				VI.—REFUNDS OF REVENUE	40	...	40
				Total ...	1,52,996	22,845	1,75,841
				Share of Collection Charges in the Civil Department	6,339	963	7,302
Total, Receipts ...	1,29,505	19,632	1,49,137	Indirect Charges debitable to Revenue Account as per Account No. 5	8,246	1,426	9,672
				Total Charges ...	1,67,581	25,234	1,92,815
				Balance Net Revenue ...	—38,076	—5,602	—43,678
Grand Total ...	1,29,505	19,632	1,49,137	Grand Total ...	1,29,505	19,632	1,49,137

N. B.—Construction Estimate closed on 31st March 1910—*vide* G. R. No. 372, dated 1st April 1910.
Completion Report approved in G. R. No. 443, dated 3rd March 1911.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-1917—*vide* Government Resolution No. A. I. 12327, dated 18th December 1917, Rs. 4,385.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	8,49,544	Net revenue realized to end of 1919-1920	—38,076
Interest charges for the year 1920-1921 ...	64,734	Do. during 1920-1921...	—5,602
			—43,678
		Balance net interest charges ...	9,57,956
Total ...	9,14,278	Total ...	9,14,278

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,297	.....	17,297
2. Leave and Pension Allowances	45,056	1,203	46,259
Total ..	62,353	1,203	63,556
REVENUE—			
2. Leave and Pension Allowances	8,246	1,426	9,672

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	12,04,069	1,23,898	13,27,967	2,16,096	2,49,485	33,389	15,44,063	
Establishment ...	2,51,351	27,159	2,78,510	47,349	56,134	8,785	3,25,859	
Tools and Plant ...	62,947	—6,818	56,129	3,958	3,742	—216	60,087	
Total ...	15,18,367	1,44,239	16,62,606	2,67,403	3,09,361	41,958	19,30,009	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total ...	15,16,235	1,44,239	16,60,474	2,67,403	3,09,361	41,958	19,27,877	Revised Estimate sanctioned by the Government of India under their letter No. 19-I., dated 13th January 1921, communicated in Government Order (P.W.D.), No. W.I.—4345 dated 14th March 1921 Rs. 3,19,220.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	16,235	1,037	17,272	25	2,000	1,975	17,297	
Leave and Pension Allowances ...	35,829	3,801	39,630	6,629	7,859	1,230	46,259	
Total ...	52,064	4,838	56,902	6,654	9,859	3,205	63,556	
Grand Total ..	15,68,299	1,49,077	17,17,376	2,74,057	3,19,220	45,163	19,91,433	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimates closed on 31st March 1916.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	5,480	...	5,480	5,480	5,480
B. Land	9,43,178	5,324	9,48,502	9,17,841	9,15,341
C. Works	31,75,156	30,200	32,05,356	32,47,965	31,56,088
K. Buildings	42,777	526	43,303	42,777	42,777
O. Miscellaneous	152	...	152	152	152
P. Maintenance	18,007	...	18,007	18,007	18,007
Total Head Works ...	41,84,750	36,050	42,20,800	42,31,722	41,37,840
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	29,652	...	29,652	29,652	29,652
B. Land	1,07,788	...	1,07,788	1,06,806	1,06,542
D. Regulators	29,752	...	29,752	30,011	28,177
F. River and Hill Torrent Works ...	11,01,009	...	11,01,009	11,04,340	10,86,087
G. Bridges	1,03,799	...	1,03,799	1,07,937	92,851
H. Escapes	20,437	...	20,437	20,431	18,989
K. Buildings	1,91,032	...	1,91,032	1,90,770	1,88,165
L. Earth-work	17,50,156	...	17,50,156	17,45,325	17,18,741
M. Plantations	8,907	...	8,907	8,907	8,907
O. Miscellaneous	15,350	...	15,350	12,680	12,680
P. Maintenance	16,033	...	16,033	16,318	15,318
Total Main Canals and Branches ...	33,73,915	...	33,73,915	33,73,227	33,05,909
(3)—*Distributaries.*					
A. Preliminary Expenses	9,226	927	10,153	13,483	8,762
B. Land	28,063	...	28,063	30,081	26,518
C. Works	1,11,137	...	1,11,137	1,10,729	1,00,642
L. Earth-work	1,74,380	...	1,74,380	1,73,917	1,73,319
O. Miscellaneous	2,09,157	...	2,09,157	2,04,266	1,65,968
Total Distributaries ...	5,31,963	927	5,32,890	5,32,476	4,75,204
Liabilities on completed works ...	...	...	...	3,967	...
Total I.—Works ...	80,90,628	36,977	81,27,605	81,41,392	79,18,953
II.—Establishment.					
1 & 2. Direction and Accounts ...	13,04,896	11,060	13,15,956	12,90,588	12,46,359
3. Executive					
Total Establishment ...	13,04,896	11,060	13,15,956	12,90,588	12,46,359
III.—Tools and Plant	24,131	1,380	2,25,511	2,25,604	2,22,561
IV.—Suspense Accounts	...	...	...	2,245	2,245
Grand Total ...	96,19,655	49,417	96,69,072	96,59,829	93,90,118
V.—*Less* Receipts on Capital Account ...	2,026	...	2,026	2,026	2,026
Net Outlay ...	96,17,629	49,417	96,67,046	96,57,803	93,88,092
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works	96,17,629	49,417	96,67,046	96,57,803	93,88,092

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	9,653	838	10,491
				2. Main Canals and Branches	30,356	6,980	37,336
				3. Distributaries ...	386	...	386
1. Water-rates from Irrigation ...	17,28,291	3,72,657	21,00,948	Total ...	40,395	7,818	48,713
3. Sales of water ...	4,595	5,937	10,532	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	2,713	297	3,010	1. Head Works ...	78,125	12,255	90,380
6. Other Canal Produce	2,678	172	2,850	2. Main Canals and Branches ...	4,60,707	61,595	5,22,302
8. Navigation ...	32	11	43	3. Distributaries ..	53,881	7,676	61,557
9. Rents of Buildings.	4,005	20	4,025	Total ...	5,92,713	81,526	6,74,239
10. Fines	3,562	434	3,996	IV.—ESTABLISHMENT.			
11. Miscellaneous receipts	49,946	6,798	56,744	1 & 2. Direction and Accounts 3. Executive ...	3,53,527	69,020	4,22,547
				Total ...	3,53,527	69,020	4,22,547
Total ...	17,95,822	3,86,326	21,82,148	V.—TOOLS AND PLANT ...	10,820	3,334	14,154
				VI.—REFUNDS OF REVENUE	38,803	4,768	43,571
				Total ...	10,36,763	1,66,461	12,03,224
II.—INDIRECT RECEIPTS.				Share of Collection Charges in the Civil Department	88,307	18,882	1,07,189
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Indirect Charges debitable to Revenue Account as per Account No. 5	49,491	9,663	59,154
Total, Receipts ...	17,95,822	3,86,326	21,82,148	Total Charges ...	11,74,561	1,95,006	13,69,567
				Balance Net Revenue ...	6,21,261	1,91,320	8,12,581
Grand Total ...	17,95,822	3,86,326	21,82,148	Grand Total ...	17,95,822	3,86,326	21,82,148

N. B.—Construction Estimate closed on 31st March 1916, *vide* Government Order No. A. I.—8470, dated 28th March 1916.

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-1917, vide Government Resolution No. A. I.—12227, dated 18th December 1917, Rs. 31,760.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	30,45,225	Net revenue realized to end of 1919-1920	6,21,261
		Net revenue realized during 1920-1921.	1,91,320
Interest charges for the year 1920-1921.	3,22,899		8,12,581
		Balance net interest charges ...	25,55,543
Total ...	33,68,124	Total ...	33,68,124

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-21.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,09,393	...	3,09,393
2. Leave and Pension Allowances	1,82,683	1,548	1,84,231
Total ...	4,92,076	1,548	4,93,624
REVENUE—			
2. Leave and Pension Allowances	49,491	9,663	59,154

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Extract paragraph 1 of Government of India (Public Works Department) letter No. 604-I., dated 31st October 1917, communicated under Government memorandum No. 1,106, dated 15th November 1917. Rs.
Works ...	78,92,733	26,220	79,18,953	2,08,652	2,22,439	13,787	81,27,605	
Establishment ...	12,40,613	5,746	12,46,359	69,597	44,229	—25,368	13,15,956	
Tools and Plant ...	2,21,997	564	2,22,561	2,950	3,043	93	2,25,511	
Suspense Accounts.	2,245	...	2,245	—2,245	...	2,245	...	
Total ...	93,57,588	32,530	93,90,118	2,78,954	2,69,711	—9,243	96,69,072	
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	
Net Total ...	93,55,562	32,530	93,88,092	2,78,954	2,69,711	—9,243	96,67,046	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	2,388	5,832	3,444	3,09,393	
Leave and Pension Allowances ...	1,73,684	804	1,74,488	9,743	6,193	—3,550	1,84,231	
Total ...	4,80,689	804	4,81,493	12,131	12,025	—106	4,93,624	
Grand Total ...	98,36,251	33,334	98,69,585	2,91,085	2,81,736	—9,349	1,01,60,670	

	Rs.
No. 1,106, dated 15th November 1917	3,40,540
Government Resolution (Public Works Department) No. W.I.-5065, dated 13th May 1918	4,641
Government Resolution (Public Works Department) No. W.I.-10352, dated 14th August 1918	1,963
Government Resolution (Public Works Department) No. W.I.-3827, dated 19th March 1919	75,184
Total ...	2,81,736

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1919-1920.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	12,512	...	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,213	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,283	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total Head Works ...	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	69,431	22,629	92,060	91,805	26,040
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,697	...	20,697	20,697	20,697
F. River and Hill Torrent Works... ...	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	51,188	...	51,188	51,188	51,188
L. Earth-work	12,10,554	...	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	4,027	...	4,027	4,027	4,027
P. Maintenance	11,167	...	11,167	11,167	11,167
Total Main Canals and Branches ...	25,33,652	22,629	25,56,281	25,56,026	24,90,261
Carried over ...	46,57,855	22,629	46,80,484	46,80,229	46,14,464

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimates closed on 31st March 1906.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	46,57,855	22,629	46,80,484	46,80,229	46,14,464
I.—WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses	3,493	...	3,493	3,493	3,493
B. Land	12,192	...	12,192	12,192	12,192
C. Works	98,599	...	98,599	98,599	98,599
L. Earth-work	93,077	...	93,077	93,077	93,077
M. Plantations	8,715	...	8,715	8,715	8,715
Total Distributaries ...	2,16,076	...	2,16,076	2,16,076	2,16,076
Total, I.—Works ...	48,73,931	22,629	48,96,560	48,96,305	48,30,540
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	11,04,878	6,768	11,11,646	11,74,899	11,59,533
3. Executive					
4. Medical	11,004	...	11,004		
5. Special Survey...	77,065	...	77,065		
Total Establishment ...	11,92,947	6,768	11,99,715	11,74,899	11,59,533
III.—Tools and Plant ..	1,33,478	(a) 1,838	1,35,316	1,24,282	1,23,105
IV.—Suspense Accounts	...	...	...	...	...
Grand Total ...	62,00,356	31,235	62,31,591	61,95,486	61,13,178
V.—*Less* Receipts on Capital Account ...	8,382	...	8,382	8,382	8,382
Net Outlay ...	61,91,974	31,235	62,23,209	61,87,104	61,04,796
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	53,70,321	31,235	54,01,556	53,65,451	52,83,143
Do. 43.—Minor Works and Navigation	8,21,653	...	8,21,653	8,21,653	8,21,653
Total ...	61,91,974	31,235	62,23,209	61,87,104	61,04,796

(a) Includes Rs. 994 on account of exchange on stores adjusted by Journal entry forwarded to the Auditor General under No. 16-1—2346 dated 22nd December 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	79,31,444	2,50,716	88,82,160	1. Head Works	23,286	1,171	24,457
3. Sales of water ...	2,754	374	3,128	2. Main Canals and Branches	72,822	2,060	74,882
4. Water-supply of towns	7	238	245	3. Distributaries ...	35,687	3,735	39,422
5. Plantations ...	66,752	663	67,415	4. Drainage and Protective Works	4,737	194	4,931
6. Other canal produce	18,271	1,335	19,606				
8. Navigation ...	30	...	30	Total ...	1,36,532	7,160	1,43,692
9. Rents of buildings	8,939	76	9,015				
10. Fines	7,714	58	7,772	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	54,776	2,930	57,706	1. Head Works	1,76,569	12,492	1,89,061
				2. Main Canals and Branches	6,63,475	32,326	6,95,801
Total ...	80,90,687	9,56,390	90,47,077				
				3. Distributaries	1,90,288	21,329	2,11,617
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works	983	...	983
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	10,31,315	66,147	10,97,462
				III.—COMPENSATION ...	5	...	5
Total Receipts ...	80,90,687	9,56,390	90,47,077				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive ... 4. Medical ...	10,29,645	83,306	11,12,951
				Total ...	10,29,645	83,306	11,12,951
				V.—TOOLS AND PLANT ...	44,345	2,735	47,080
Carried over ...	80,90,687	9,56,390	90,47,077	Carried over ...	22,41,842	1,59,348	24,01,190

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	80,90,687	9,56,390	90,47,077	Brought over ...	22,41,842	1,59,348	24,01,190
				VI.—REFUNDS OF REVENUE	13,756	6,783	20,539
				Total ...	22,55,598	1,66,131	24,21,729
				Share of Collection Charges in the Civil Department	3,96,936	47,539	4,44,475
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,44,150	11,663	1,55,813
				Total Charges ...	27,96,684	2,25,333	30,22,017
				Balance Net Revenue ...	52,94,003	7,31,057	60,25,060
Grand Total ...	80,90,687	9,56,490	90,47,077	Grand Total ...	80,90,687	9,56,390	90,47,077

N.B.—Construction Estimate of the Nira Canal closed on 31st March 1899 *vide* Government Resolution No. 1847, dated 2nd April 1900. Completion Report approved in Government Resolution No. 2367, dated 3rd December 1907.
Construction Estimate of the Shetphal Tank closed on 31st March 1906 *vide* Government Resolution No. 2434, dated 2nd October 1906.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17 *vide* Government Resolution No. A. I.—12327, dated 18th December 1917—Rs. 7,305.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-20.	75,78,716	Net Revenue realized to end of 1919-20.	52,94,003
		Do. during 1920-21.	7,31,057
Interest charges for the year 1920-21.	2,08,491		60,25,060
		Balance net interest charges	17,62,147
Total ...	77,87,207	Total ...	77,87,207

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	1,84,874	.....	1,84,874
2. Leave and Pension Allowances	1,84,286	948	1,85,234
Total ...	3,69,160	948	3,70,108
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	1,44,150	11,663	1,55,813
Total ...	1,44,150	11,663	1,55,813

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	47,68,387	62,153	48,30,540	66,020	65,765	—255	48,96,560	
Establishment ...	11,46,855	12,678	11,59,533	40,182	15,366	—24,816	11,99,715	
Tools and Plant ...	1,26,141	—3,036	1,23,105	12,211	1,177	—11,034	1,35,316	
Suspense Accounts ...	..	...	...	...	...	...	...	
Total ...	60,41,383	71,795	61,13,178	1,18,413	82,308	—36,105	62,31,591	
Less—Receipts on Capital Account ...	8,382	...	8,382	...	...	...	8,382	
Net Total ...	60,33,001	71,795	61,04,796	1,18,413	82,308	—36,105	62,23,209	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	...	1,350	1,350	1,84,874	
Leave and Pension Allowances ...	1,77,833	1,775	1,79,608	5,626	2,151	—3,475	1,85,234	
Total ...	3,60,992	3,490	3,64,482	5,626	3,501	—2,125	3,70,108	
Grand Total ...	63,93,993	75,285	64,69,278	1,24,039	85,809	—38,230	65,93,317	

	Rs.
Government Order (Public Works Department), No. 10162, dated 6th May 1920 (including supplementary estimate)...	23,421
Government Order (Public Works Department), No. 5370, dated 21st May 1918	3,311
Government Order (Public Works Department), No. 4015, dated 8th May 1918	5,758
Government Order (Public Works Department), No. 6142, dated 14th May 1918	2,563
Government Order (Public Works Department), No. 1802, dated 14th February 1919	17,273
Government Order (Public Works Department), No. 2659, dated 25th March 1919...	14,178
Government Order (Public Works Department), No. 4449, dated 14th April 1919	5,352
Government Order (Public Works Department), No. 6945, dated 21st July 1919	8,953
Total ...	85,809

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	8,83,293	{40,213 (a) 283}	8,73,789	1. Head Works ...	20,259	...	20,259
				2. Main Canals and Branches ...	2,678	...	2,678
3. Sales of water ...	662	...	662				
4. Water-supply of towns.	29,846	...	29,846	3. Distributaries ...	2,674	826	3,500
5. Plantations ...							
6. Other canal produce	32,048	{2,152 333}	35,033	Total ...	25,611	826	26,437
9. Rents of buildings.	1,309	7	1,316	II.—MAINTENANCE AND REPAIRS.			
10. Fines	185	...	185				
11. Miscellaneous receipts	42,033	6,001	48,034	1. Head Works ...	55,972	1,691	57,663
				2. Main Canals and Branches ...	1,16,109	1,329	1,17,438
Total ...	9,89,376	49,489	9,38,865	3. Distributaries ...	74,467	5,949	80,416
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	2,46,548	8,969	2,55,517
				III.—COMPENSATION ...	75	...	75
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,05,176	10,089	2,15,265
				3. Executive			
				Total ...	2,05,176	10,089	2,15,265
Total Receipts ...	9,89,376	49,489	9,38,865				
				V.—TOOLS AND PLANT ...	6,066	366	6,432
Carried over ...	9,89,376	49,489	9,38,865	Carried over ...	4,83,476	20,250	5,03,726

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	9,39,376	49,489	9,88,865	Brought over ...	4,83,476	20,250	5,03,726
				VI.—REFUNDS OF REVENUE	348	75	423
				Total ...	4,83,824	20,325	5,04,149
				Share of Collection Charges in the Civil Department	43,203	1,844 (a) 283	45,330
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	28,782	1,412	30,194
				Total Charges ...	5,55,809	23,864	5,79,673
				Balance Net Revenue ...	3,83,567	25,625	4,09,192
Grand Total ...	9,39,376	49,489	9,88,865	Grand Total ...	9,39,376	49,489	9,88,865

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.
Construction Estimate closed on 31st March 1901, *vide* Government Resolution No. 1197, dated 10th June 1901.
Completion Report approved in Government Resolution No. 1106, dated 22nd April 1903.
(a) Amount adjusted by credit to water rates and debit *per contra* on account of collection charges for the revenue realized by the Aundh State.

Note.—Loss of revenue due to concession granted for wheat cultivation during the Rabi Season 1916-17, *vide* Government Resolution No. A.—I.—12287, dated 18th December 1917—Rs. 2,404.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	28,05,367	Net revenue realized to end of 1919-1920.	3,83,567
Interest charges for the year 1920-1921	66,688	Do. during 1920-1921.	25,625
			4,09,192
		Balance net interest charges	24,62,863
Total ...	28,72,055	Total ...	28,72,055

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	58	.....	58
2. Leave and Pension Allowances	28,724	1,412	30,136
Total ...	28,782	1,412	30,194

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	2,32,147	Net Revenue realized to end of 1919-1920...	.....
Interest charges for the year 1920-1921 ...	10,043	Do. during 1920-1921 ...	.....
		Balance net interest charges	2,42,190
Total ...	2,42,190	Total ...	2,42,190

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	875	.....	875
2. Leave and Pension Allowances	9,013	.....	9,013
Total ...	9,888	.....	9,888

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—*vide* Government of India's No. 1951-1, dated 13th September 1906, communicated in Government Resolution No. 3721 of 20th October 1908. Estimate amounting to *Rs.* 3,14,574 for direct and indirect charges included in the above project sanctioned in the Secretary of State's Despatch No. 87-P. W., dated 31st August 1917, communicated in Government of India's No. 613-I. of 16th November 1917—*vide* Government Resolution No. 3848 of 4th April 1918—has been shown here.
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant...	...	...	...	1,473	1,473	...	1,473	
Suspense Accounts	...	...	...	...	...	...	...	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
Less—Receipts on Capital Account.	...	...	...	2,848	774	—2,074	2,848	
Net Total ...	...	...	...	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue	...	...	...	875	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,11,928	3,14,574	2,646	3,11,928	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	...	3,28,697	7,62,720	...
O. Miscellaneous	5,043	...	5,043	7,707	...
P. Maintenance	4,714	298	5,012	4,651	...
Total, Head Works ...	3,99,148	298	3,99,446	9,62,971	...
(2)— Main Canals and Branches.					
Total, Main Canals and Branches. ...	...	...	...	*1,66,500	...
Total, I.—Works ...	3,99,148	298	3,99,446	11,29,471	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	89,743	89	89,832	54,973	...
3. Executive				1,97,617	...
Total, II.—Establishment ...	89,743	89	89,832	2,52,590	...
III.—TOOLS AND PLANT ...	5,053	11	5,064	16,468	...
Grand Total ...	4,93,944	398	4,94,342	13,98,529	...
V.—*Less*—Receipts on Capital Account ...	2,243	433	2,676	...	...
Net Outlay ...	4,91,701	—35	4,91,666	13,98,529	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	36,830	—35	36,795	13,98,529	...
Do. 43.—Minor Works and Navigation	29,588	...	29,588		
Do. 33.—Famine Relief ...	4,25,283	...	4,25,283		
Total ...	4,91,701	—35	4,91,666	13,98,529	...

*Lump sum provision in the Estimate.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	2,51,429	Net Revenue realized to end of 1919-1920...	.....
		Do. during 1920-1921 ...	.....
Interest charges for the year 1920-1921 ...	16,362		.....
		Balance net interest charges ...	2,67,791
Total ...	2,67,791	Total ...	2,67,791

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	5,741	.....	5,741
2. Leave and Pension Allowances	12,564	12	12,576
Total ...	18,305	12	18,317

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,99,446	11,29,471	7,30,025	3,99,446	
Establishment ...	...	...	...	89,832	2,52,590	1,62,758	89,832	
Tools and Plant ...	...	...	...	5,064	16,468	11,404	5,064	
Total ...	...	...	...	4,94,342	13,98,529	9,04,187	4,94,342	
Less—Receipts on Capital Account.	...	...	...	2,676	...	—2,676	2,676	
Net Total ...	...	...	...	4,91,666	13,98,529	9,06,863	4,91,666	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I of 17th June 1905, communicated in Government Resolution No. 2002 of 1st August 1905.
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,729	14,988	5,741	
Leave and Pension Allowances ...	...	...	...	12,576	35,362	22,786	12,576	
Total ...	...	...	...	18,317	56,091	37,774	18,317	
Grand Total ...	...	...	...	5,09,983	14,54,620	9,44,637	5,09,983	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
35.—PROTECTIVE IRRIGATION WORKS.
NIRA RIGHT BANK CANAL.
CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against close estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses ...	39,879	5,281	45,160	34,252	.....
B. Land	32,331	—9,518	22,873	3,59,630	.....
C. Works	38,99,416	(a)7,05,367	46,04,783	68,58,647	.....
K. Buildings	1,01,315	88,349	1,89,664	95,391	.....
O. Miscellaneous	69,235	—31,008	38,227	79,231	.....
P. Maintenance	68,193	—2,304	58,389	60,552	.....
Total, Head Works ...	42,10,429	7,49,167	49,59,596	74,87,703	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	2,36,231	2,309	2,38,540	1,84,517	.....
B. Land	1,70,197	1,093	1,71,290	2,03,625	.....
D. Regulators	70	62	132	1,68,981	.....
F. River and Hill Torrent Works ...	13,01,241	4,13,361	17,14,602	23,86,367	.....
G. Bridges	1,43,242	33,790	1,77,032	1,98,572	.....
H. Escapes	1,243	...	1,243	1,050	.....
K. Buildings ...	2,26,381	16,927	2,43,308	2,55,500	.....
L. Earth-work	57,96,996	3,58,877	61,55,873	63,43,621	.....
M. Plantations	41,266	7,626	48,892	35,000	.....
O. Miscellaneous	29,774	2,459	32,233	4,169	.....
P. Maintenance	53,554	11,603	65,157	90,000	.....
Q. Losses on Stock	.....	489	489	.....	.....
Total, Main Canals and Branches ...	80,00,195	8,48,596	88,48,791	98,71,402	.....
(3)—*Distributaries.*					
A. Preliminary Expenses ..	65,991	3,649	69,640	5,910	.....
B. Land	.....	...	.....	1,47,480	.....
O. Works	4,651	...	4,651	27,94,027	.....
Total, Distributaries ...	70,642	3,649	74,291	29,47,417	.....
(5)—*Special Tools and Plant.*	11,89,516	1,99,903	13,39,419	.....	.....
Total, I.—Works ...	1,34,20,782	18,01,315	1,52,22,097	2,03,06,522	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	22,90,499	5,34,982	28,25,481	43,54,327	.....
3. Executive				21,801	
Total, II.—Establishment ...	22,90,499	5,34,982	28,25,481	43,76,128	.....
III.—TOOLS AND PLANT	6,76,123	66,719	7,42,842	3,26,613	.....
IV.—Suspense Accounts	3,92,046	1,00,583	4,92,629	.....	.....
Grand Total ...	1,67,79,450	25,03,549	1,92,83,049	2,50,09,263	.....
V.—*Less*—Receipts on Capital Account	14,313	1,268	15,581	.....	.....
Net Outlay ...	1,67,65,137	25,02,331	1,92,67,468	2,50,09,263	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	1,67,65,137	25,02,331	1,92,67,468	2,50,09,263	.....

(a) Includes Rs. 13,126 on account of exchange on stores, etc., adjusted by journal entry forwarded to the Auditor General under No. B.K.—16-1—2346, dated 23rd December 1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-20.	23,72,957	Net Revenue realized to end of 1919-20 .	.....
		Net Revenue realized during 1920-21 .	.....
Interest charges for the year 1920-21 ...	7,35,353		
		Balance net Interest charges ...	31,08,310
Total ...	31,08,310	Total ...	31,08,310

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	60,401	3	60,404
2. Leave and Pension Allowances	3,20,670	74,897	3,95,567
Total ...	3,81,071	74,900	4,55,971

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	1,52,22,097	2,03,06,522	50,84,425	1,52,22,097	Estimate sanctioned in Secretary of State's Despatch No. P. W. 1—30, dated 14th June 1912—*vide* Government of India's, No. 697-I., dated 16th July 1912, communicated in Government Resolution, No. 7653.
Establishment ...	...	...	...	28,25,481	43,76,128	15,50,647	28,25,481	
Tools and Plant ...	...	...	...	7,42,842	3,26,613	—4,16,229	7,42,842	
Suspense Accounts ...	...	...	...	4,92,629	...	—4,92,629	4,92,629	
Total ...	...	...	...	1,92,83,049	2,50,09,263	57,26,214	1,92,83,049	
Less—Receipts on Capital Account	...	...	...	15,581	...	—15,581	15,581	
Net Total ...	...	...	...	1,92,67,468	2,50,09,263	57,41,795	1,92,67,468	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	60,404	1,91,025	1,30,621	60,404	
Leave and Pension Allowances	...	...	...	3,95,567	6,09,606	2,14,039	3,95,567	
Total ...	...	...	...	4,55,971	8,00,631	3,44,660	4,55,971	
Grand Total ...	...	...	...	1,97,23,439	2,58,09,894	60,86,455	1,97,23,439	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	Total. 1920-1921.	Total. Total.
	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.			
1. Water-rates from Irrigation ..	21,82,901	82,137	22,65,038
5. Plantations ...	8,989	70	10,030
6. Other canal produce ...		971	
9. Rents of buildings .	10,381	19	10,400
10. Fines ...	21,254	652	21,906
11. Miscellaneous receipts ...	25,382	983	26,365
Total ...	22,48,907	84,832	23,33,739
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department.	74,33,176	3,02,963	77,86,139
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	47,874	2,224	50,098
Total ...	74,81,050	3,05,187	77,86,237
Total Receipts ...	97,29,957	3,90,019	1,01,19,976
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Khilat Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 238-I., dated 14th June 1888, communicated under Government Resolution o. 400, dated 11th August 1 88 :— Rs. To end of 1919-1920. 21,19,436 Loss for 1920-1921... 81,903 Total ...22,01,339			
Grand Total ..	97,29,957	3,90,019	1,01,19,976

Charges.	Total. Previous.	Total. 1920-1921.	Total. Total.
	Rs.	Rs.	Rs.
I.—EXTENSIONS AND IMPROVEMENTS.			
1. Head Works ...	7,739	...	7,739
2. Main Canals and Branches ...	1,96,601	3,533	2,00,134
3. Distributaries ...	48,299	549	48,848
Total ...	2,52,639	4,082	2,56,721
II.—MAINTENANCE AND REPAIRS.			
1. Head Works ...	43,743	...	43,743
2. Main Canals and Branches ...	24,69,855	98,462	25,68,317
3. Distributaries ...	41,270	...	41,270
Total ...	25,54,868	98,462	26,53,330
III.—COMPENSATION ...	279	...	279
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts ... 3. Executive ...	5,99,054	33,992	6,33,046
Total ...	5,99,054	33,992	6,33,046
V.—TOOLS AND PLANT ...	26,495	1,060	27,555
VI.—REFUNDS OF REVENUE ...	7,245	...	7,245
Total ...	34,40,580	1,37,596	35,78,176
Share of Collection Charges in the Civil Department	5,28,572	18,274	5,46,846
Indirect Charges debitable to Revenue Account as per Account No. 5	91,682	4,759	96,441
Total Charges ...	40,60,834	1,60,629	42,21,463
Balance Net Revenue ...	56,69,123	2,29,390	58,98,513
Grand Total ...	97,29,957	3,90,019	1,01,19,976

N.B.—Last Capital Account detailed in the Administrative Accounts for 1919-20. Construction Estimate closed on 31st March 1892—*vide* Government Resolution, No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution, No. 1760, dated 10th November 1893.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920 ...	28,52,916	Net Revenue realized to end of 1919-1920 ...	56,69,123
		Do. during 1920-1921 ...	2,29,390
Interest charges for the year 1920-1921 ...	88,564		58,98,513
		Balance net Interest charges	—29,57,033
Total ...	29,41,480	Total ...	29,41,480

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	5,778	...	5,778
2. Leave and Pension Allowances	85,904	4,759	90,663
Total ...	91,682	4,759	96,441

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

UNHAWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,454	249	5,703	1. Head Works ...	79,300	...	79,300
4. Water-supply of towns ...	41	...	41	2. Main Canals and Branches	60,305	1,365	61,670
5. Plantations ...	3,523	63	3,795	3. Distributaries ...	7,467	...	7,467
6. Other canal produce.		209		Total ...	1,47,072	1,365	1,48,437
9. Rents of buildings.	103	...	103				
10. Fines ...	10,192	482	10,674				
11. Miscellaneous receipts ...	6,572	367	6,939				
Total ...	25,885	1,370	27,255	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	387	...	387
Irrigation share of Land Revenue collected in the Civil Department	44,12,051	1,40,702	45,52,763	2. Main Canals and Branches... ...	7,77,328	45,209	8,22,537
Four per cent. on $\frac{2}{19}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	74,666	3,088	77,754	3. Distributaries ...	11,224	166	11,390
				Total ...	7,88,939	45,375	8,34,314
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	1,65,519	14,898	1,80,417
				3 Executive			
				Total ...	1,65,519	14,898	1,80,417
Total ...	44,86,727	1,43,790	46,30,517				
Total Receipts ...	45,12,612	1,45,160	46,57,772	V.—TOOLS AND PLANT ...	7,015	483	7,498
				Total ...	11,08,545	62,121	11,70,666
				Share of Collection Charges in the Civil Department	2,86,130	8,486	2,94,616
				Indirect Charges debitable to Revenue Account as per Account No. 5	25,404	2,086	27,490
				Total Charges ...	14,20,079	72,693	14,92,772
				Balance Net Revenue ...	30,92,533	72,467	31,65,000
Grand Total ...	45,12,612	1,45,160	46,57,772	Grand Total ...	45,12,612	1,45,160	46,57,772

Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1919-1920 ...	20,844
Loss for 1920-1921 ...	227
Total ..	21,071

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution, No. 590, dated 6th April 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920 ...	7,58,018	Net Revenue realized to end of 1919-1920...	30,92,533
Interest charges for the year 1920-1921 ...	25,539	Do. during 1920-1921 ...	72,467
			31,65,000
		Balance net Interest charges	—23,81,443
Total ...	7,83,557	Total ...	7,83,557

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,483	.....	3,483
2. Leave and Pension Allowances	21,921	2,086	24,007
Total ...	25,404	2,086	27,490

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1891.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	24,888	...	24,888	24,888	24,888
D. Regulators	3,57,038	...	3,57,038	3,57,038	3,57,038
G. Bridges	70,650	...	70,650	70,650	70,650
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,779	35,779
L. Earth-work	10,59,759	...	10,59,759	10,59,759	10,59,759
M. Plantations	11,455	...	11,455	11,455	11,455
O. Miscellaneous	4,543	...	4,543	4,543	4,543
Total, Main Canals and Branches ...	15,73,269	...	15,73,269	15,73,269	15,73,269
(3)—*Distributaries.*					
A. Preliminary Expenses ...	9,039	...	9,039	9,039	9,039
B. Land	71,823	...	71,823	71,823	71,823
C. Works	2,16,060	...	2,16,060	2,16,060	2,16,060
L. Earth-work	1,91,510	...	1,91,510	1,91,510	1,91,510
Recoveries from colonists ...	—25,984	—4,629	—30,613	—30,613	—30,613
Total, Distributaries ...	4,62,448	—4,629	4,57,819	4,57,819	4,57,819
Total, I—Works ...	20,35,717	—4,629	20,31,088	20,31,088	20,31,088
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,59,188	—761	3,58,427	3,58,427	3,58,427
3. Executive					
Total, Establishment ...	3,59,188	—761	3,58,427	3,58,427	3,58,427
III.—TOOLS AND PLANT ...	5,428	—47	5,381	5,381	5,381
IV.—Suspense Accounts ...	.....	...	.....	.....	.....
Grand Total ...	24,00,333	—5,437	23,94,896	23,94,896	23,94,896
V.—*Less* Receipts on Capital Account .	19	...	19	19	19
Net Outlay ...	24,00,314	—5,437	23,94,877	23,94,877	23,94,877
APPORTIONMENT.					
Chargeable to 49.—Irrigation ...	24,00,314	—5,437	23,94,877	23,94,877	23,94,877

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

REVISED 49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	13,43,669	23,581	13,67,250				
3. Sales of Water ...	685	187	372	1. Head Works ...	1,255	...	1,255
4. Water-supply of Towns.	1,295	...	1,295	2. Main Canals and Branches... ...	3,89,170	1,26,138	4,65,305
5. Plantations ...		33		3. Distributaries ...	17,978	10,834	28,812
6. Other Canal Produce.	15,418	563	16,014				
9. Rents of Buildings.	292	15	307	Total ...	3,58,403	1,36,972	4,95,375
10. Fines ...	20,626	1,864	22,490	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	40,679	1,847	42,526	2. Main Canals and Branches... ...	32,98,238	1,24,458	34,22,696
Total ...	14,22,664	28,090	14,50,754	3. Distributaries ...	26,015	3,724	29,739
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	17,343	...	17,343
Irrigation share of Land Revenue collected in the Civil Department.	1,60,33,051	3,90,401	1,64,23,452	Total ...	33,41,596	1,28,182	34,69,778
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	2,23,473	9,643	2,33,116	III.—COMPENSATION.			
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	8,77,719	*89,614	9,67,333
				3. Executive			
				Total ...	8,77,719	89,614	9,67,333
Total ...	1,62,55,524	4,00,044	1,66,55,568	V.—TOOLS AND PLANT ...	35,368	2,797	38,165
				VI.—REFUNDS OF REVENUE	1,751	...	1,751
Total, Receipts ...	1,76,78,188	4,28,134	1,81,06,322	Suspense Account ...	—2	...	—2
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and also on lands in Baluchistan Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1888. Rs. To end of 1919-1920. 22,77,741 Loss for 1920-1921. 55,373				Total ...	46,14,835	3,57,565	49,72,400
				Share, of Collection Charges in the Civil Department	11,91,967	23,899	12,15,866
				Indirect Charges debitable to Revenue Account as per Account No. 5...	1,36,284	12,546	1,48,830
Total ...23,56,919				Total Charges ...	59,43,086	3,94,010	63,37,096
				Balance Net Revenue ...	1,17,35,102	34,124	1,17,69,226
Grand Total ...	1,76,78,188	4,28,134	1,81,06,322	Grand Total ...	1,76,78,188	4,28,134	1,81,06,322

* Includes Rs. 112 adjusted by Journal entry II batch and Rs. 31 by 3rd batch.

N.B.—Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 1253, dated 28th July 1891.
Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-20.	31,83,897	Net Revenue realized to end of 1919-20.	1,17,85,102
		Do. during 1920-1921 .	34,124
Interest charges for the year 1920-1921.	80,197		1,17,69,226
		Balance net Interest charges	—85,05,132
Total ...	32,64,094	Total ...	32,64,094

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,931	.....	17,931
2. Leave and Pension Allowances	61,326	—107	61,219
Total ...	79,257	—107	79,150
REVENUE—			
1. Capitalized abatement of Land Revenue	2,223	.....	2,223
2. Leave and Pension Allowances	1,34,061	12,546	1,46,607
Total ...	1,36,284	12,546	1,48,830

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	13,91,068	6,40,020	20,31,088	...	...	...	20,31,088	
Establishment ...	2,29,894	1,28,533	3,58,427	...	...	...	3,58,427	
Tools and Plant ...	4,666	715	5,381	...	...	...	5,381	
Total ...	16,25,628	7,69,268	23,94,896	...	...	...	23,94,896	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	7,69,268	23,94,877	...	...	...	23,94,877	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	13,685	17,931	...	...	...	17,931	
Leave and Pension Allowances	43,224	17,995	61,219	...	...	...	61,219	
Total ...	47,470	31,680	79,150	...	...	...	79,150	
Grand Total ...	16,73,079	8,00,948	24,74,027	...	...	...	24,74,027	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MAHIWAH CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-21.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated.	Expenditure against closed Estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land	62,933	...	62,933	68,616	...
D. Regulators	1,53,899	...	1,53,899	1,61,973	...
E. Falls and Weirs	8,272	...	8,272	8,291	...
G. Bridges	44,200	...	44,200	46,358	...
K. Buildings	34,288	...	34,288	34,288	...
L. Earth-work	4,14,441	...	4,14,441	4,42,880	...
Total, Main Canals and Branches ...	7,18,033	...	7,18,033	7,62,406	...
(3)—Distributaries.					
C. Works	69,822	...	69,822	78,946	...
L. Earth-work	79,871	...	79,871	80,121	...
Total, Distributaries ...	1,49,693	...	1,49,693	1,59,067	...
(4)—Drainage and Protective Works.					
B. Land	4,210	...	4,210	4,210	...
C. Works	50,954	...	50,954	50,954	...
L. Earth-work	2,04,631	...	2,04,631	2,04,631	...
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	...
Total, I.—Works ...	11,27,521	...	11,27,521	11,81,268	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,473	...	53,473	2,54,486	...
3. Executive	1,90,404	...	1,90,404		
Total, II.—Establishment ...	2,43,877	...	2,43,877	2,54,486	...
III.—TOOLS AND PLANT	9,500	...	9,500	9,500	...
Grand Total ...	13,80,898	...	13,80,898	14,45,254	...
V.—*Less*—Receipts on Capital Account ...	6	...	6	6	...
Net Outlay ...	13,80,892	...	13,80,892	14,45,248	...
APPORTIONMENT.					
Chargeable to 49.—Irrigation	13,80,892	...	13,80,892	14,45,248	...

IRRIGATION BRANCH. · BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MAHIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,917	155	4,072				
3. Sales of Water ...	6	...	6				
5. Plantations ...	463	17	480	2. Main Canals and Branches	1,05,096	21,708	1,26,804
6. Other Canal Produce	2,474	1,080	3,554	3. Distributaries ...	6,733	4,871	11,604
9. Rents of Buildings.	393	4	397				
10. Fines	9,804	136	9,940	Total ...	1,11,829	26,579	1,38,408
11. Miscellaneous Receipts	16,936	1,500	18,436	II.—MAINTENANCE AND REPAIRS.			
Total ...	33,993	2,892	36,886	2. Main Canals and Branches ...	7,89,901	53,019	8,42,920
II.—INDIRECT RECEIPTS.				3. Distributaries ...	2,490	5,699	8,189
				Total ...	7,92,391	58,718	8,51,109
Irrigation share of Land Revenue collected in the Civil Department	10,48,225	—9,028	10,39,197	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{2}{80}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	47,482	2,962	50,444	1 & 2. Direction and Accounts ... ... 3. Executive	91,037	28,381	1,19,418
				Total ...	91,037	28,381	1,19,418
				V.—TOOLS AND PLANT ...	5,395	963	6,358
				VI.—REFUNDS OF REVENUE	184	26	210
				Total ...	10,00,836	1,14,667	11,15,503
Total ...	10,95,707	—6,066	10,89,641				
Total, Receipts ...	11,29,700	—3,174	11,26,526	Share of Collection Charges in the Civil Department	57,076	—535	56,541
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883. Rs. To end of 1919-1920 ... 97,807 Loss for 1920-1921 ... 573 Total ... 97,234				Indirect Charges debitable to Revenue Account as per Account No. 5	16,263	3,973	20,236
				Total Charges ...	10,74,175	1,18,105	11,92,280
				Balance Net Revenue ...	55,525	—1,21,279	—65,754
Grand Total ...	11,29,700	—3,174	11,26,526	Grand Total ...	11,29,700	—3,174	11,26,526

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MAHIWAH CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920 ...	8,32,094	Net Revenue realized to end of 1919-1920 ...	55,525
		Do. during 1920-1921 ...	1,21,279
Interest charges for the year 1920-1921 ...	45,914		65,754
		Balance net Interest charges	9,43,762
Total ...	8,78,008	Total ...	8,78,008

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	24,649	.....	24,649
2. Leave and Pension Allowances	34,143	...	34,143
Total ...	58,792	.....	58,792
REVENUE—			
1. Capitalized abatement of Land Revenue	3,518	.....	3,518
2. Leave and Pension Allowances	12,745	3,973	16,718
Total ...	16,263	3,973	20,236

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	11,27,521	11,81,268	53,747	11,27,521	Revised Estimate sanctioned in the fourteenth of State's Despatch No. 31 P.W., dated 15th April 1915, as amended in Government of India's No. 691-I., dated 8th August 1916, *vide* Government Resolution No. W. 4—2211, dated 16th October 1916 ... ... Rs. 16,17,386
Establishment ...	...	...	...	2,43,877	2,54,486	10,609	2,43,877	
Tools and Plant ...	...	...	...	9,500	9,500	...	9,500	
Total ...	...	...	...	13,80,898	14,45,254	64,356	13,80,898	
Less—Receipts on Capital Account...	...	...	...	6	6	...	6	
Net Total ...	...	...	...	13,80,892	14,45,248	64,356	13,80,892	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	24,649	36,425	11,776	24,649	Note.—From the sanctioned provision of Rs. 16,17,386 Rs. 1,77,000 were transferred to Bhatgar Project, *vide* paragraph 2 of Government Resolution No. 2228, dated 18th October 1916.
Leave and Pension Allowances ...	...	...	...	34,143	35,683	1,540	34,143	
Total ...	...	...	...	58,792	72,108	13,316	58,792	
Grand Total ...	...	...	...	14,39,684	15,17,356	77,672	14,39,684	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1898.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
B. Land	1,638	...	1,638	1,638	1,638
C. Works	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	2,709	...	2,709	5,439	2,554
B. Land	...	...	...	3,400	...
D. Regulators	2,57,668	...	2,57,668	2,82,849	2,57,668
G. Bridges	1,61,703	...	1,61,703	1,66,248	1,61,703
H. Escapes	45,632	...	45,632	45,632	45,632
K. Buildings	93,089	...	93,089	1,13,009	93,089
L. Earth-work	7,66,537	...	7,66,537	8,84,429	7,66,537
M. Plantations	16,742	...	16,742	17,356	16,742
N. Tanks and Reservoirs	1,441	...	1,441	1,441	1,441
O. Miscellaneous	32,121	...	32,121	36,530	32,121
P. Maintenance	...	...	...	11,788	...
Total, Main Canals and Branches ...	13,77,642	...	13,77,642	15,68,121	13,77,487
(3) *Distributaries.*					
A. Preliminary Expenses	7,230	...	7,230	7,773	3,910
B. Land	2,688	3,711	6,394	8,350	2,650
C. Works	3,30,237	3,435	3,33,672	3,16,813	2,66,490
L. Earth-work	2,38,443	14,412	2,52,855	2,42,316	1,12,073
M. Plantations	29	...	29	...	...
O. Miscellaneous	59,242	—3,310	55,932	58,883	29,878
P. Maintenance	548	...	548	13,022	..
Total, Distributaries ...	6,38,412	18,248	6,56,660	6,42,157	4,15,001
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	65,327	...	65,327	65,327	65,327
B. Land	2,832	...	2,832	2,832	2,832
C. Works	2,38,182	...	2,38,182	2,38,182	2,38,182
L. Earth-work	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	425	...	425	425	425
Total, Drainage and Protective Works ...	23,36,611	...	23,36,611	23,36,611	23,36,611
Total, I.—Works ...	55,89,465	18,248	56,07,713	57,83,689	53,65,899
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	14,12,284	6,050	14,18,284	14,33,881	2,72,733
3. Executive					10,65,730
5. Special Survey	4,832	...	4,832	..	4,832
Total, II.—Establishment ...	14,17,116	6,050	14,23,166	14,33,881	13,43,345
III. TOOLS AND PLANT	74,286	171	74,457	78,121	71,858
Grand Total ...	70,80,867	24,469	71,05,336	72,95,691	67,81,102
V.—*Less*—Receipts on Capital Account ...	176	...	176	176	176
Net Outlay ...	70,80,691	24,469	71,05,160	72,95,515	67,80,926
APPORTIONMENT.					
Chargeable to 49.—Irrigation	46,90,901	24,469	47,15,370	49,05,725	43,91,136
Chargeable to 43.—Minor Works and Navigation	23,89,790	...	23,89,790	23,89,790	23,89,790
Total ...	70,80,691	24,469	71,05,160	72,95,515	67,80,926

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,52,430	2,427	4,54,857	1. Head Works ...	16,017	1,605	17,622
3. Sales of water ...	10,938	3,827	14,765	2. Main Canals and Branches ...	2,84,016	26,998	3,11,014
5. Plantations ...	2,55,960	673	2,64,753	3. Distributaries ...	38,231	956	39,187
6. Other Canal Produce		8,120		4. Drainage and Protective Works ...	1,53,604	48,353	2,01,957
8. Navigation ...	7,133	789	7,922				
9. Rents of buildings.	728	33	761	Total ...	4,91,868	77,912	5,69,780
10. Fines	44,269	5,805	50,074				
11. Miscellaneous Receipts	5,97,008	5,191	6,02,199	II.—MAINTENANCE AND REPAIRS.			
Total ...	13,63,466	26,865	13,95,331	1. Head Works ...	2,99,221	2,08,020	5,07,241
				2. Main Canals and Branches ...	23,45,409	1,33,606	24,79,015
II.—INDIRECT RECEIPTS.				3. Distributaries ...	72,240	142	72,382
Irrigation share of Land Revenue collected in the Civil Department.	2,18,66,026	3,35,717	2,22,01,743	Unclassifiable Outlay ...	5,36,057	...	5,36,057
				4. Drainage and Protective Works ...	8,40,751	29,982	8,70,733
				Total ...	40,93,678	3,71,750	44,65,428
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. L. dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1912, dated 7th November 1889 ...	51,727	4,695	56,422	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	17,43,396	2,23,429	19,66,825
				3. Executive			
Total ...	2,19,17,753	3,40,412	2,22,58,165	Total ...	17,43,396	2,23,429	19,66,825
				V.—TOOLS AND PLANT ...	50,974	4,423	55,397
Total, Receipts ...	2,32,86,219	3,67,277	2,36,53,496	VI.—REFUNDS OF REVENUE	8,042	...	8,042
				Suspense Account ...	28	100	128
				Total ...	63,87,986	6,77,614	70,65,600
				Share of Collection Charges in the Civil Department	16,83,925	20,643	17,04,568
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,70,741	31,774	3,02,515
				Total, Charges ...	83,42,652	7,30,031	90,72,683
				Balance Net Revenue ...	1,49,43,567	3,62,754	1,45,80,813
Grand Total ...	2,32,86,219	3,67,277	2,36,53,496	Grand Total ...	2,32,86,219	3,67,277	2,36,53,496

Note.—Loss to the canal on account of difference between assessment of water rates on Jagbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1919-1920.	6,60,255
Loss for 1920-1921...	22,175
Total ...	6,82,430

N. B.—Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1705, dated 18th November 1898. Completion Report approved in Government Resolution No. 438, dated 17th February 1913.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	1,06,45,334	Net revenue realized to end of 1919-1920 ...	1,49,43,567
Interest charges for the year 1920-1921 ...	2,41,717	Do. during 1920-1921 ...	—3,62,754
			1,45,80,813
		Balance net interest charges ...	—36,93,762
Total ...	1,08,87,051	Total ...	1,08,87,051

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,084	...	3,084
2. Leave and Pension Allowances	2,42,348	847	2,43,195
Total ...	2,45,432	847	2,46,279
REVENUE—			
1. Capitalized abatement of Land Revenue	2	494	496
2. Leave and Pension Allowances	2,70,739	31,280	3,02,019
Total ...	2,70,741	31,774	3,02,515

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works	48,30,172	5,35,727	53,65,899	2,41,814	4,17,790	1,75,976	56,07,713
Establishment	11,84,114	1,59,231	13,43,345	79,821	90,536	10,715	14,23,166
Tools and Plant... ...	50,880	20,978	71,858	2,599	6,263	3,664	74,457
Suspense Accounts ...	...	...	...	...	...	...	...
Total ...	60,65,166	7,15,936	67,81,102	3,24,234	5,14,589	1,90,355	71,05,336
Less—Receipt on Capital Account ...	179	—3	176	...	...	...	176
Net Total ...	60,64,987	7,15,939	67,80,926	3,24,234	5,14,589	1,90,355	71,05,160
INDIRECT CHARGES.							
Capitalized abatement of Land Revenue ...	2,669	415	3,084	...	5,293	5,273	3,084
Leave and Pension Allowances	2,09,728	22,293	2,32,021	11,174	12,676	1,502	2,43,195
Total ...	2,12,397	22,708	2,35,105	11,174	17,969	6,795	2,46,279
Grand Total ...	62,77,384	7,38,647	70,16,031	3,35,408	5,32,558	1,97,150	73,51,439

Remarks.

Government of India, Public Works Department, No. 180-I, dated 16th February 1916, communicated in Government Resolution, Public Works Department, No. 3115, dated 18th March 1916 ... ... Rs. 3,84,516

Government of India, Public Works Department, No. 109-I, dated 1st May 1918, communicated in Government Resolution, Public Works Department, No. 5600, dated 29th May 1918 ... " 1,48,042

5,32,558

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

JAMRAO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	4,738	...	4,738	4,738	4,738
B. Land	90,714	...	90,714	90,714	90,714
C. Works	16,71,357	...	16,71,357	16,71,357	16,71,357
K. Buildings	1,01,411	...	1,01,411	1,01,411	1,01,411
O. Miscellaneous	31,921	...	31,921	31,921	31,921
P. Maintenance	25,550	...	25,550	25,550	25,550
Total, Head Works ...	19,25,691	...	19,25,691	19,25,691	19,25,691
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	32,466	...	32,466	32,466	32,466
B. Land	25,269	4,946	30,215	30,215	30,215
D. Regulators	3,84,087	11,163	3,95,250	3,95,250	3,95,250
E. Falls and Weirs	85,625	...	85,625	85,625	85,625
F (1). Other Cross Drainage Works ...	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes	44,222	...	44,222	44,222	44,222
K. Buildings	3,22,857	...	3,22,857	3,22,857	3,22,857
L. Earth-Work	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations	45,869	...	45,869	45,869	45,869
O. Miscellaneous	57,290	...	57,290	57,290	57,290
P. Maintenance	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	39,05,188	16,109	39,21,297	39,21,297	39,21,297
Carried over ...	58,30,879	16,109	58,46,988	58,46,988	58,46,988

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimate closed on 31st March 1921).	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	58,30,879	16,109	58,46,988	58,46,988	58,46,988
(3)—*Distributaries.*					
A. Preliminary Expenses	9,277	132	9,409	9,409	9,277
B. Land	10,112	1,127	11,239	12,385	11,239
C. Works	3,54,446	2,295	3,56,741	3,58,193	3,55,566
L. Earth-work	7,47,966	5,649	7,53,615	7,55,208	7,47,966
O. Miscellaneous	48,169	—25,414	22,755	22,930	22,755
P. Maintenance	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	11,80,011	—16,211	11,63,800	11,68,216	11,56,844
(4)—*Drainage and Protective Works.*					
A. Preliminary Expenses	363	...	363	363	363
C. Works	23,824	...	23,824	23,824	23,824
L. Earth-work	31,145	...	31,145	31,145	31,145
O. Miscellaneous	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
Total, I.—Works ...	70,75,356	—102	70,75,254	70,79,670	70,68,298
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	15,01,228	—34	15,01,194	15,18,846	15,16,287
3. Executive					
4. Medical	8,453	...	8,453		
5 Special Survey	8,947	...	8,947		
Total, II.—Establishment ...	15,18,628	—34	15,18,594	15,18,846	15,16,287
III.—TOOLS AND PLANT	1,82,413	—1	1,82,412	1,82,518	1,82,347
IV.—SUSPENSE ACCOUNTS	4,606	...	4,606	4,606	4,606
Grand Total ...	87,81,003	—137	87,80,866	87,85,640	87,71,538
V.—*Less*—Receipts on Capital Account ...	981	...	981	981	981
Net Outlay ...	87,80,022	—137	87,79,885	87,84,659	87,70,557
APPORTIONMENT.					
Chargeable to 49—Irrigation	87,80,022	—137	87,79,885	87,84,659	87,70,557

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

REVISED—49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 9.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,74,333	1,500	4,75,833	1. Head Works ...	3,094	...	3,094
3. Sales of water ...	366	93	459	2. Main Canals and Branches ...	33,786	9,774	43,560
4. Water supply of towns ...	5	...	5	3. Distributaries ...	80,992	13,462	94,454
5. Plantations ...	7,496	100	7,596	Total ...	1,17,872	23,236	1,41,108
6. Other canal produce ...	1,61,169	24,185	1,85,354				
7. Water-power ...	13	...	13	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	13,158	36	13,194				
10. Fines ...	2,39,657	15,685	2,55,342	1. Head Works ...	93,764	28,561	1,22,325
11. Miscellaneous Receipts ...	93,284	7,993	1,01,277	2. Main Canals and Branches ...	17,11,560	1,16,346	18,27,906
Total ...	9,89,481	49,592	10,39,073	3. Distributaries ...	13,29,902	1,03,387	14,33,289
				4. Drainage and Protective Works ...	1,024	...	1,024
II.—INDIRECT RECEIPTS.				Total ...	31,36,250	2,48,294	33,84,544
Irrigation share of Land Revenue collected in the Civil Department.	1,22,13,645	2,71,311	1,24,84,866	IV.—ESTABLISHMENT.			
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 83 and 88-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	8,59,162	74,196	9,33,358	1 & 2. Direction and Accounts ... } 3. Executive ...	24,95,041	2,22,746	27,17,787
Total ...	1,30,72,707	3,45,507	1,34,18,214	Total ...	24,95,041	2,22,746	27,17,787
Total Receipts ...	1,40,62,188	3,95,099	1,44,57,287	V.—TOOLS AND PLANT ...	75,175	2,572	77,747
				VI.—REFUNDS OF REVENUE ...	808	460	1,268
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	—4,604	...	—4,604
				Total ...	58,20,542	4,97,308	63,17,850
				Share of Collection Charges in the Civil Department ...	3,90,023	8,790	3,98,813
Rs.							
To end of 1919-1920. 2,20,226				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	3,50,368	31,236	3,81,604
Loss for 1920-1921... 9,892							
Total ... 2,30,118				Total Charges ...	65,60,933	5,37,334	70,98,267
				Balance Net Revenue ...	75,01,255	—1,42,235	78,59,020
Grand Total ...	1,40,62,188	3,95,099	1,44,57,287	Grand Total...	1,40,62,188	3,95,099	1,44,57,287

N.B.—Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1796, dated 28th August 1901. Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920.	64,36,508	Net revenue realized to end of 1919-1920 ...	75,01,255
Interest charges for the year 1920-1921 ...	2,95,614	Do. during 1920-1921 ...	—1,42,235
			73,59,020
		Balance net interest charges ...	—6,26,898
Total ...	67,32,122	Total ...	67,32,122

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	48,924	3,380	52,304
2. Leave and Pension Allowances	2,12,608	—5	2,12,603
Total ...	2,61,532	3,375	2,64,907
REVENUE—			
1. Capitalized abatement of Land Revenue	1,060	52	1,112
2. Leave and Pension Allowances	3,49,308	31,184	3,80,492
Total ...	3,50,368	31,236	3,81,604

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. 16,876
Works ...	64,74,033	5,94,265	70,68,298	6,956	11,372	4,416	70,75,254	
Establishment ...	11,51,054	3,65,233	15,16,287	2,307	2,559	252	15,18,594	
Tools and Plant ...	1,81,762	585	1,82,347	65	171	106	1,82,412	
Suspense Accounts ...	53	4,553	4,606	..	...	...	4,606	
Total ...	78,06,902	9,64,636	87,71,538	9,328	14,102	4,774	87,80,866	
Less—Receipts on Capital Account	981	...	981	...	...	...	981	
Net Total ...	78,05,921	9,64,636	87,70,557	9,328	14,102	4,774	87,79,885	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	16,408	52,304	...	1,416	1,416	52,304	
Leave and Pension Allowances ...	1,61,148	51,132	2,12,280	323	358	35	2,12,603	
Total ...	1,97,044	67,540	2,64,584	323	1,774	1,451	2,64,907	
Grand Total ...	80,02,965	10,32,176	90,35,141	9,651	15,876	6,225	90,44,792	

Government Order No. 575 (P. W.), dated 12th January 1921.

Note—Estimate for Rs. 6,978, including indirect charges sanctioned in Government Order (P. W. D.) No. 13783, dated 5th July 1920, completed during the year 1920-1921.
The expenditure against it has been shown under closed sanctions during the year 1920-1921.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 2—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1920-21.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land	39,338	.....	39,338	39,338	39,338
D. Regulators	2,00,254	.....	2,00,254	2,00,254	2,00,254
G. Bridges	91,352	.....	91,352	91,352	91,352
H. Escapes	13,077	.....	13,077	13,077	13,077
K. Buildings	89,030	.....	89,030	89,030	89,030
L. Earth-work	14,18,551	.....	14,18,551	14,18,551	14,18,551
O. Miscellaneous	7,086	.....	7,086	7,086	7,086
Total, Main Canals and Branches ...	18,62,822	.....	18,62,822	18,62,822	18,62,822
(3)—*Distributaries.*					
B. Land	2,600	.....	2,600	5,788	20
C. Works	91,637	.....	91,637	93,239	63,280
L. Earth-work	1,00,332	.....	1,00,332	1,04,504	24,564
O. Miscellaneous	99,947	—2,176	97,771	81,625	—5,650
Total, Distributaries ...	2,94,516	—2,176	2,92,340	2,85,166	82,214
(4)—*Drainage and Protective Works.*					
L. Earth-work	14,590	.....	14,590	14,590	14,590
O. Miscellaneous	505	.....	505	505	505
Total, Drainage and Protective Works.	15,095	.....	15,095	15,095	15,095
Total I.—Works ...	21,72,433	—2,176	21,70,257	21,63,083	19,60,131
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	3,60,249	—722	3,59,527	3,88,617	3,29,477
3. Executive					
5. Special Survey	12,721	.....	12,721		12,721
Total, Establishment ...	3,72,970	—722	3,72,248	3,88,617	3,42,198
III.—TOOLS AND PLANT	19,268	—20	19,248	19,001	16,965
Grand Total ...	25,64,671	—2,918	25,61,753	25,65,701	23,19,294
V.—*Less*—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	25,64,637	—2,918	25,61,719	25,65,667	23,19,260
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	25,60,810	—2,918	25,57,892	25,61,840	23,15,433
Do. 43—Minor Works and Navigation	3,827	.....	3,827	3,827	3,827
Total ...	25,64,637	—2,918	25,61,719	25,65,667	23,19,260

IRRIGATION BRANCH. **BOMBAY PRESIDENCY**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,924	—257	11,667	1. Head Works ...	1,447	...	1,447.
5. Plantations ...	7,290	430	7,720	2. Main Canals and Branches ...	70,657	6,107	76,764
6. Other canal produce ...	1,226	481	1,707	3 Distributaries ..	4,836	12,249	16,585
8. Navigation ...	...	40	40	Average expenditure before improvements...	—86,127	...	—86,127
9. Rents of buildings.	4,072	24	4,096				
10. Fines ...	4,316	154	4,470	Total ...	—9,687	18,356	8,669
11. Miscellaneous Receipts ...	11,585	—307	11,278	II.—MAINTENANCE AND REPAIRS.			
Total ...	40,413	565	40,978	2. Main Canals and Branches ...	11,50,858	61,205	12,12,063
II.—INDIRECT RECEIPTS.				3. Distributaries ...	37,018	7,400	44,418
Irrigation share of Land Revenue collected in the Civil Department ...	24,95,065	1,41,375	26,36,440	Total ...	11,87,876	68,605	12,56,481
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 68-A.I., dated respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 16th July, and No. 1913, dated 7th November 1889	1,09,570	8,142	1,17,712	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... 3. Executive ...	3,60,559	66,568	4,27,127
				Total ...	3,60,559	66,568	4,27,127
Total ...	26,04,635	1,49,517	27,54,152	V.—TOOLS AND PLANT...	11,646	910	12,556
Total Receipts ...	26,45,048	1,50,082	27,95,130	VI.—REFUNDS OF REVENUE ...	523	—5	518
				Suspense Account ...	1,465	...	1,465
				Total ...	15,52,382	1,54,434	17,06,816
Note.—Loss to the canal on account of difference between ass.sment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 409, dated 11th August 1883. Rs.				Share of Collection Charges in the Civil Department	1,29,873	8,476	1,38,349
To end of 1919-1920. 3,65,213				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	51,672	9,320	60,992
Loss for 1920-1921 ... 18,857				Total Charges ...	17,33,927	1,72,230	19,06,157
Total .. 3,84,070				Balance Net Revenue ...	9,11,121	—22,148	8,88,973
Grand Total ...	26,45,048	1,50,082	27,95,130	Grand Total ...	26,45,048	1,50,082	27,95,130

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution, No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920 ...	16,65,549	Net revenue realized to end of 1919-1920 ...	9,11,121
		Do. during 1920-1921 ...	—22,148
			8,88,973
Interest charges for the year 1920-1921 ...	84,979	Balance net Interest charges	8,61,555
Total ...	17,50,528	Total ...	17,50,528

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	41,453	.....	41,453
2. Leave and Pension Allowances	52,216	—101	52,115
Total ...	93,669	—101	93,568
REVENUE—			
1. Capitalized abatement of Land Revenue	1,194	.....	1,194
2. Leave and Pension Allowances	50,478	9,320	59,798
Total ...	51,672	9,320	60,992

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	18,99,648	60,483	19,60,131	2,10,126	2,02,952	—7,174	21,70,257	Revised Estimate of the Ren Distributary sanctioned by the Government of India—vide No. 975-I., dated 29th June 1914, communicated in Government Resolution No. W. I.—9017, dated 12th August 1914 ... ... Rs. 2,55,231
Establishment ...	3,16,663	25,535	3,42,198	30,050	41,419	11,369	3,72,248	
Tools and Plant ...	16,579	386	16,965	2,283	2,036	—247	19,248	
Total ...	22,32,890	86,404	23,19,294	2,42,459	2,46,407	3,948	25,61,753	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	
Net Total ...	22,32,856	86,404	23,19,260	2,42,459	2,46,407	3,948	25,61,719	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	1,110	41,278	175	3,025	2,850	41,453	
Leave and Pension Allowances ...	44,333	3,574	47,907	4,208	5,799	1,591	52,115	
Total ...	84,501	4,684	89,185	4,383	8,824	4,441	93,568	
Grand Total ...	23,17,357	91,088	24,08,445	2,46,842	2,55,231	8,389	26,55,287	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

NASRAI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	40,941	...	40,941	40,941	40,941
D. Regulators	1,84,574	...	1,84,574	1,84,574	1,84,574
G. Bridges	67,852	...	67,852	67,852	67,852
K. Buildings	69,315	...	69,315	69,315	69,315
L. Earth-work	9,78,967	...	9,78,967	9,78,967	9,78,967
O. Miscellaneous	4,430	...	4,430	4,430	4,430
Total, Main Canals and Branches ...	13,47,732	...	13,47,732	13,47,732	13,47,732
(3)—*Distributaries.*					
B. Land	576	...	576	576	576
C. Works	1,38,669	...	1,38,669	1,38,669	1,38,669
L. Earth-work	73,188	...	73,188	73,188	73,188
O. Miscellaneous	—18,727	—726	—19,453	—19,453	—19,453
Total, Distributaries ...	1,93,706	—726	1,92,980	1,92,980	1,92,980
(4)—*Drainage and Protective Works.*					
L. Earth-work	4,398	...	4,398	4,398	4,398
O. Miscellaneous	377	...	377	377	377
Total, Drainage and Protective Works ...	4,775	...	4,775	4,775	4,775
Total, I.—Works ...	15,46,213	—726	15,45,487	15,45,487	15,45,487
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,51,630	—240	2,51,390	2,51,390	2,51,390
3. Executive					
5. Special Survey	1,263	...	1,263	1,263	1,263
Total, Establishment ...	2,52,893	—240	2,52,653	2,52,653	2,52,653
III.—TOOLS AND PLANT	6,859	—7	6,852	6,852	6,852
Grand Total ...	18,05,965	—973	18,04,992	18,04,992	18,04,992
V.—*Less*—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	18,05,807	—973	18,04,834	18,04,834	18,04,834
APPORTIONMENT.					
Chargeable to 49.—Irrigation	18,05,807	—973	18,04,834	18,04,834	18,04,834

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	—313	—72	—385				
3. Sales of water ...	98	...	98	2. Main Canals and Branches	71,535	6,459	77,994
5. Plantations ...	3,031	230	3,261	3. Distributaries. ...	6,829	14,297	21,126
6. Other canal produce	1,369	361	1,730	Total ...	78,364	20,756	99,120
8. Navigation ...	33	...	33				
9. Rents of buildings.	3,179	...	3,179	II.—MAINTENANCE AND REPAIRS.			
10. Fines	3,868	66	3,934				
11. Miscellaneous Receipts	3,650	—35	3,615	2. Main Canals and Branches	11,14,095	93,131	12,07,226
Total ...	14,915	550	15,465				
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	25,10,872	98,068	26,08,940	1 & 2. Direction and Accounts ... ... 3. Executive	3,65,355	78,166	4,43,521
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1309, dated 10th July, and No. 1918, dated 7th November 1889 ...	1,50,367	13,711	1,64,078	Total ...	3,65,355	78,166	4,43,521
				V.—TOOLS AND PLANT...	10,791	1,118	11,909
				VI.—REFUND OF REVENUE	10	88	98
				Suspence account ...	—556	—909	—1,465
Total ...	26,61,239	1,11,779	27,73,018	Total ...	15,68,059	1,92,350	17,60,409
Total, Receipts ...	26,76,154	1,12,329	27,88,483	Share of Collection Charges in the Civil Department	1,50,046	5,880	1,55,926
Note.—Loss to the canal on account of difference between assessment of water rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 223-I., dated 14th June 1883, communicated under Government Resolution No. 406, dated 11th August 1883.				Indirect charges debitable to Revenue Account as per Account No. 5	51,184	10,943	62,127
Rs. To end of 1919-1920...28,576 Loss for 1920-1921 ... 1,682 Total ..30,258				Total, Charges ...	17,69,289	2,09,173	19,78,462
				Balance Net Revenue ..	9,06,865	—96,844	8,10,021
Grand Total ..	26,76,154	1,12,329	27,88,483	Grand Total ...	26,76,154	1,12,329	27,88,483

N.B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1064, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920 ...	11,02,604	Net revenue realized to end of 1919-1920 ...	9,06,865
		Do. during 1920-1921 ...	—96,344
Interest charges for the year 1920-1921 ...	59,915		8,10,021
		Balance net Interest charges	3,52,498
Total ...	11,62,519	Total ...	11,62,519

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	22,749	.....	22,749
2. Leave and Pension Allowances	35,404	—34	35,370
Total ...	58,153	—34	58,119
REVENUE—			
1. Capitalized abatement of Land Revenue	33	.....	33
2. Leave and Pension Allowances	51,151	10,943	62,094
Total ...	51,184	10,943	62,127

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	15,71,638	—26,151	15,45,487				15,45,487	
Establishment ...	2,23,469	29,184	2,52,653				2,52,653	
Tools and Plant ...	5,046	1,806	6,852				6,852	
Total ...	18,00,153	4,839	18,04,992				18,04,992	
Less—Receipts on Capital Account	158	...	158				158	
Net Total ...	17,99,995	4,839	18,04,834				18,04,834	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	7,651	22,749				22,749	
Leave and Pension Allowances	31,285	4,085	35,370				35,370	
Total ...	46,383	11,736	58,119				58,119	
Grand Total ...	18,46,378	16,575	18,62,953				18,62,953	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

SEHABWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
C. Works	.....	...	.....	50,000	.....
Total Head Works ...	.....	...	.....	50,000	.....
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	.....	...	.....	4,768	.....
B. Land	.....	...	.....	12,803	.....
D. Regulators	.....	...	.....	70,765	.....
G. Bridges	.....	...	.....	23,853	.....
K. Buildings	14,944	9,981	24,925	1,15,375	.....
L. Earth-Work	.....	...	.....	2,30,339	.....
P. Maintenance	.....	...	.....	18,172	.....
Total Main Canals and Branches ...	14,944	9,981	24,925	4,86,075	.....
(3) *Distributaries.*					
B. Land	.....	...	.....	37,851	.....
C. Works	.....	...	.....	45,261	.....
L. Earth-Work	.....	...	.....	2,29,216	.....
O. Miscellaneous	.....	...	.....	—1,64,506	.....
P. Maintenance	.....	...	.....	5,828	.....
Total Distributaries ...	.....	...	.....	1,53,650	.....
Total I.—Works ...	14,944	9,981	24,925	6,89,725	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,389	1,641	4,030	1,57,416	.....
3. Executive					
5. Special Survey	.....	...	.....		
Total Establishment ...	2,389	1,641	4,030	1,57,416	.....
III.—TOOLS AND PLANT. ...	291	102	393	10,346	.....
IV.—Suspense Accounts	.....	...	.....	.....	.....
Grand Total ...	17,624	11,724	29,348	8,57,487	.....
V.—Less Receipts on Capital Account...	.....	...	.....	.....	.....
Net Outlay ...	17,624	11,724	29,348	8,57,487	.....
Apportionment.					
Chargeable to 49.—Irrigation ...	17,624	11,724	29,348	8,57,487	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS, FOR THE YEAR *1920-1921.*

49.—IRRIGATION WORKS.

SEHABWAH.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of, 1919-1920 .	523 .	Net Revenue realized to end of 1919-1920 .	...
Interest charges for the year 1920-1921 ...	1,221	Net Revenue realized during 1920-1991 .	...
			...
		Balance net interest charges ...	1,744
Total ...	1,744	Total ..	1,744

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowance	334	230	564
Total ...	334	230	564

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.				Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.	Total charges to date against old and current sanctions.	
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	24,925	6,89,725	6,64,800	24,925	Government of India (Public Works Department) No. 86—I, dated 15th March 1920. Communicated in Government (Public Works Department) No. W. I.—1109, dated 7th June 1920.
Establishment ...	...	...	...	4,030	1,57,416	1,53,386	4,030	
Tools and Plant ...	...	...	...	393	10,346	9,953	393	
Total ...	...	...	...	29,348	8,57,487	8,28,139	29,348	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Total ...	...	...	...	29,348	8,57,487	8,28,139	29,348	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	564	22,038	21,474	564	
Total ...	...	...	...	564	22,038	21,474	564	
Grand Total ...	...	...	...	29,912	8,79,525	8,49,613	29,912	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

NAULA'KHI CANAL.

CANAL PROJECT:

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920 ...	2,968	Net revenue realized to end of 1919-1920 ...	...
		Do. during 1920-1921 ...	...
Interest charges for the year 1920-1921 ...	170		...
		Balance net interest charges	3,138
Total ...	3,138	Total ...	3,138

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51-P. W., dated 9th December 1896, communicated in Government of India's No. 5-I., dated 14th January 1896—*vide* Government Resolution No. W. I.-146, dated 30th idem. The date for the construction of the work extended for a further period of 5 years from 9th December 1910, *vide* Government of India's letter No. 1970-I., dated 21st December 1910, communicated in Government Resolution No. 79, dated 17th January 1911.
Establishment	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ...	...	...	...	...	14,423	14,423	...	
Total ...	...	...	...	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	...	..	...	5,112	12,17,935	12,12,823	5,112	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances	...	...	...	33	32,149	32,116	33	
Total ...	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

N.B.—Last Capital Account detailed in the Administrative Accounts for 1903-1904.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I. - WORKS.	Rs.	Rs.	Rs	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	—284	2,066	1,782	2,650	.....
Total, Main Canals and Branches ...	—284	2,066	1,782	2,650	.....
Total, I.—Works ...	—284	2,066	1,782	2,650	.....
II.—ESTABLISHMENT.					
5. Special Survey	.....	3,021	3,021	3,230	.....
Total Establishment ...	.....	3,021	3,021	3,230	.....
III.—TOOLS AND PLANT	.....	7,796	7,796	10,093	.....
IV.—SUSPENSE ACCOUNTS	.....	.....	.....	.....	.....
Grand Total ...	—284	12,883	12,599	15,973	.....
V.—*Less*—Receipts on Capital Account	.....	.....	.....	.....	.....
Net Outlay ...	—284	12,883	12,599	15,973	.....
Apportionment.					
Chargeable to 49—Irrigation ...	—284	12,883	12,599	15,973	.....

No 4.—Interest Account for, and to end of 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	—64	Net Revenue realized to end of 1919-1920	...
Interest charges for the year 1920-1921...	326	Net Revenue realized during 1920-1921...	...
		Balance net interest charges ...	262
Total ...	262	Total ...	262

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

SUKKUR BARRAGE PROJECT.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	...	...	...
2. Leave and Pension Allowances	...	423	423
Total ..	...	423	423

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	1,782	2,650	868	1,782	
Establishment ...	...	...	...	3,021	3,230	209	3,021	
Tools and Plant ...	...	...	...	7,796	10,093	2,297	7,796	
Total ...	...	...	...	12,599	15,973	3,374	12,599	Estimate under "49 Irrigation Works" sanctioned in Government Order (Public Works Department), No. W. I.—3804, dated 30th March 1921.
Less—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ...	...	..	...	12,599	15,973	3,374	12,599	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	423	...	—423	423	
Total ..	...	...	...	423	...	—423	423	
Grand Total ...	...	...	...	13,022	15,973	2,951	13,022	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	9,82,079	35,199	10,17,278	1. Head Works ...	15,446	1,032	16,478
3. Sales of water ...	1,438	103	1,541	2. Main Canals and Branches	71,481	2,042	73,523
4. Water-supply of towns	2,659	13	2,672	3. Distributaries ...	7,162	87	7,249
5. Plantations ...	73,051	30	77,384	Total ...	94,089	3,161	97,250
6. Other Canal Produce		4,303					
9. Rents of Buildings.	37	...	37	II.—MAINTENANCE AND REPAIRS.			
10. Fines	359	...	359	1. Head Works	87,065	6,476	93,541
11. Miscellaneous Receipts	26,979	2,266	29,245	2. Main Canals and Branches	3,13,615	13,208	3,26,823
Total ...	10,86,602	41,914	11,28,516	3. Distributaries ...	84,347	3,569	87,916
				4. Drainage and Protective Works ...	4,402	...	4,402
II.—INDIRECT RECEIPTS.				Total ...	4,89,429	23,253	5,12,682
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
				IV.—ESTABLISHMENT.			
Total Receipts ...	10,86,602	41,914	11,28,516	1 & 2. Direction and Accounts	2,38,043	3,672	2,41,715
				3. Executive			
				Total ...	2,38,043	3,672	2,41,715
				V.—TOOLS AND PLANT ...	8,926	432	9,358
				Profit and Loss	186	...	186
				VI.—REFUNDS OF REVENUE	3,843	11	3,854
				Total ...	8,38,131	30,529	8,68,660
				Share of Collection Charges in the Civil Department	42,136	1,760	50,896
				Indirect Charges debitable to Revenue Account as per Account No. 5	35,785	514	36,299
				Total Charges ...	9,23,052	32,803	9,55,855
				Balance Net Revenue ...	1,63,550	9,111	1,72,661
Grand Total ...	10,86,602	41,914	11,28,516	Grand Total ...	10,86,602	41,914	11,28,516

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15 and No. 6 in the Administrative Accounts for 1915-16.

Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khári Cut Canal closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1895, *vide* also Government Resolution No. 2902 of 10th December 1909.

Completion Report of the Khári Cut Canal approved in Government Resolution No. 688 of 16th April 1894.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	11,50,317	Net revenue realized to end of 1919-1920.	1,63,550
		Do. during 1920-1921 ...	9,111
			1,72,661
Interest charges for the year 1920-1921 .	41,265	Balance net interest charges ...	10,18,921
Total ..	11,91,582	Total ...	11,91,582

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	825	.....	825
2. Leave and Pension Allowances	34,960	514	35,474
Total ...	35,785	514	36,299

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,25,232	9,470	4,34,702	1. Head Works ...	1,428	...	1,428
				2. Main Canals and Branches	24,121	2,749	26,870
3. Sales of water ...	440	...	440	3. Distributaries ...	9,358	...	9,358
5. Plantations ...	24,536	8	25,811	Total ...	34,907	2,749	37,656
6. Other Canal Produce		1,272		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	48	...	48	1. Head Works ...	34,196	977	35,173
				2. Main Canals and Branches	17,638	19	17,657
10. Fines	503	...	503	3. Distributaries ...	72,166	227	72,393
11. Miscellaneous Receipts	6,381	124	6,505	4. Drainage and Protective Works ...	2,728	...	2,728
Total ...	4,57,140	10,869	4,68,009	Total ...	1,26,728	1,223	1,27,951
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	2,18,226	6,521	2,24,747	1 & 2. Direction and Accounts ... ... 3. Executive	1,02,141	2,470	1,04,611
				Total ...	1,02,141	2,470	1,04,611
Total, Receipts ...	6,75,366	17,390	6,92,756	V.—TOOLS AND PLANT ...	2,724	161	2,885
				Profit and Loss	19	...	19
				VI.—REFUNDS OF REVENUE	3,896	...	3,896
				Suspense Account ...	140	...	140
				Total ...	2,70,555	6,603	2,77,158
				Share of Collection Charges in the Civil Department	57,913	1,419	59,332
				Indirect Charges debitable to Revenue Account as per Account No. 5	14,816	346	15,162
				Total Charges ...	3,43,284	8,368	3,51,652
				Balance Net Revenue ...	3,32,082	9,022	3,41,104
Grand Total ...	6,75,366	17,390	6,92,756	Grand Total ...	6,75,366	17,390	6,92,756

N. B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.
Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 148, dated 31st January 1896.
Completion Report approved in Government Resolution No. 1362, dated 3rd October 1896.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	8,27,691	Net revenue realized to end of 1919-1920 .	3,32,082
		Do. during 1920-1921 ...	9,022
			3,41,104
Interest charges for the year 1920-1921.	14,810	Balance net interest charges	5,01,397
Total ...	8,42,501	Total ...	8,42,501

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	94	...	94
2. Leave and Pension Allowances	14,722	346	15,068
Total ...	14,816	346	15,162

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KADWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	6,01,050	42,056	6,43,106				
3. Sales of water ...	455	1	456	1. Head Works ...	6,612	1,665	8,277
5. Plantations ...	26,682	...	29,813	2. Main Canals and Branches ...	20,005	4,795	24,800
6. Other Canal Produce ...		3,131		3. Distributaries ...	342	...	342
9. Rents of Buildings	248	...	248	Total ...	26,959	6,460	33,419
10. Fines ...	941	44	985				
11. Miscellaneous receipts ...	7,396	366	7,762	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	64,045	4,542	68,587
Total ...	6,36,722	45,648	6,82,370	2. Main Canals and Branches ...	1,48,419	5,443	1,53,862
				3. Distributaries ...	14,020	764	14,784
II.—INDIRECT RECEIPTS.							
				Total ...	2,26,484	10,749	2,37,233
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...				
				IV.—ESTABLISHMENT.			
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875.	26,727	594	27,321	1 & 2. Direction and Accounts ...	2,59,558	14,369	2,73,927
				3. Executive			
Total ...	26,727	594	27,321				
				Total ...	2,59,558	14,369	2,73,927
Total, Receipts ...	6,63,449	46,242	7,09,691	V.—TOOLS AND PLANT ...	6,930	64	7,572
Carried over ...	6,63,449	46,242	7,09,691	Carried over ...	5,19,931	32,220	5,52,151

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KA'DWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	6,63,449	46,242	7,09,691	Brought forward...	5,19,931	32,220	5,52,151
				VI.—REFUNDS OF REVENUE ...	445	83	528
				Total ...	5,20,376	32,303	5,52,679
				Share of Collection Charges in the Civil Department .	30,209	2,105	32,314
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	37,306	2,012	39,318
				Total, Charges ...	5,87,891	36,420	6,24,311
				Balance Net Revenue ...	75,558	9,822	85,380
Grand Total ...	6,63,449	46,242	7,09,691	Grand Total ...	6,63,449	46,242	7,09,691

N.B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.
Construction Estimate closed on 31st March 1908—*vide* Government Resolution No. 2245, dated 25th August 1908.
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, under Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 2,460.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920	12,11,247	Net revenue realized to end of 1919-1920	75,558
		Do. during 1920-1921.	9,822
			85,380
Interest charges for the year 1920-1921.	32,312	Balance net interest charges ...	11,58,179
Total ...	12,43,559	Total ...	12,43,559

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	11	.....	11
2. Leave and Pension Allowances	37,295	2,012	39,307
Total ...	37,306	2,012	39,318

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs	Rs.	Rs.
I.—DIRECT RECEIPTS				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	61,822	778	62,600	1. Head Works ...	629	...	629
3. Sales of water ...	54	3	57				
5. Plantations ...		59					
6. Other Canal Produce ...	14,540	161	14,760	2. Main Canals and Branches ...	86	...	86
9. Rents of Buildings	86	...	86				
10. Fines	267	3	270	Total ...	715	...	715
11. Miscellaneous Receipts... ...	711	...	711	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	10,574	31	10,605
Total ...	77,480	1,004	78,484	2. Main Canals and Branches	1,40,643	1,338	1,41,981
				3. Distributaries ...	4,950	6	4,956
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	1,56,167	1,375	1,57,542
				IV.—ESTABLISHMENT.			
Revenue for "Galper" land treated as Land Revenue —*Vide* Government Resolution No. 1829, dated 23rd November 1893 ...	6,426	225	6,651	1 & 2. Direction and Accounts			
				3. Executive ...	1,52,273	1,053	1,53,326
				Total ...	1,52,273	1,053	1,53,326
Total ...	6,426	225	6,651				
Total Receipts ...	83,906	1,229	85,135	V.—TOOLS AND PLANT ...	2,878	51	2,929
Carried over ...	83,906	1,229	85,135	Carried over ...	3,12,033	2,479	3,14,512

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	83,906	1,229	85,135	Brought forward ...	3,12,033	2,479	3,14,512
				VI.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	3,12,149	2,479	3,14,628
				Share of Collection Charges in the Civil Department .	3,742	62	3,804
				Indirect Charges debitable to Revenue Account as per Account No. 5 ..	22,975	147	23,122
				Total, Charges ...	3,38,866	2,688	3,41,554
				Balance Net Revenue ...	—2,54,960	—1,459	—2,56,419
Grand Total ...	83,906	1,229	85,135	Grand Total ...	83,906	1,229	85,135

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.
Construction Estimate closed on 31st March 1894—*Vide* Government Resolution No. 1707, dated 2nd November 1894.
Completion Report approved in Government Resolution No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.
Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.-1. 12827, dated 18th December 1917, Rs. 250.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
		Net revenue realized to end of 1919-20...	—2,54,960
Total Interest charges to end of 1919-1920	6,93,358	Do. during 1920-21...	—1,459
			—2,56,419
Interest charges for the year 1920-1921.	11,720	Balance net Interest charges ...	9,61,497
Total ...	7,05,078	Total ...	7,05,078

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Leave and Pension Allowances	22,975	147	23,122

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works.*					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	17,287	4,250	21,537	21,537	21,537
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,74,638	4,250	32,78,888	32,78,888	32,78,888
(2) *Main Canals and Branches.*					
A. Preliminary Expenses... ...	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C. (*a*) Regulators	37,342	...	37,342	37,342	37,342
C. (*c*) River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C. (*e*) Bridges	95,170	...	95,170	95,170	95,170
C. (*f*) Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,80,707	...	18,80,707	18,80,707	18,80,707
Carried over ...	51,55,345	4,250	51,59,595	51,59,595	51,59,595

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,55,345	4,250	51,59,595	51,59,595	51,59,595
(3) *Distributaries.*					
A. Preliminary Expenses ...	6,767	...	6,767	6,853	6,740
B. Land	5,666	...	5,666	5,666	5,666
C. Masonry Works	3,03,419	...	3,03,419	3,03,419	3,03,419
L. Earth-work	73,961	...	73,961	73,961	73,961
M. Plantations	407	...	407	407	407
O. Miscellaneous	8,01,559	...	8,01,559	8,01,559	8,01,559
Total, Distributaries ...	11,91,779	...	11,91,779	11,91,865	11,91,752
(4) *Drainage and Protective Works.*					
B. Land	7,328	...	7,328	7,328	7,328
L. Earth-work	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Adjustment of previous outlay...	—12,63,166	..	—12,63,166	—12,63,166	—12,63,166
Total, I.—Works ...	50,92,474	4,250	50,96,724	50,96,810	50,96,697
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	11,43,506	1,229	11,44,735	11,44,756	11,44,731
3. Executive	146	...	146	146	146
4. Medical	—1,01,947	...	—1,01,947	—1,01,947	—1,01,947
Departmental charges					
Total, II.—Establishment ...	10,41,705	1,229	10,42,934	10,42,955	10,42,930
III.—TOOLS AND PLANT	1,18,288	158	1,18,446	1,18,448	1,18,446
IV.—SUSPENSE ACCOUNTS ...	—1,136	...	—1 136	—1,136	—1,136
Grand Total ...	62,51,331	5,637	62,56,968	62,57,077	62,56,937
V.—*Less* Receipts on Capital Account.	12,328	...	12,328	12,328	12,328
Net Outlay ...	62,39,003	5,637	62,44,640	62,44,749	62,44,609
Apportionment.					
Chargeable to—					
49.—Irrigation	52,83,962	...	52,83,962	52,83,962	52,83,962
43.—Minor Works and Navigation.	9,55,041	5,637	9,60,678	9,60,787	9,60,647
Total ...	62,39,003	5,637	62,44,640	62,44,749	62,44,609

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	63,69,427	3,18,741	66,88,168	1. Head Works ...	30,277	...	30,277
3. Sales of water ...	1,10,831	1,577	1,12,408				
4. Water-supply of towns ...	49,27,195	54,659	49,81,854	2. Main Canals and Branches ...	32,215	1,987	34,202
5. Plantations ...	1,39,978	718	1,46,597	3. Distributaries ...	83,208	635	83,843
6. Other canal produce ...		5,901					
7. Water power ...	64,800	...	64,800	4. Drainage and Protective Works ...	4,864	...	4,864
8. Navigation ...	435	533	968				
9. Rents of buildings	5,214	45	5,259	Total ...	1,50,564	2,622	1,53,186
10. Fines ...	2,146	281	2,427				
11. Miscellaneous receipts ...	2,14,235	1,587	2,15,822	II.—MAINTENANCE AND REPAIRS.			
Total ...	1,18,34,261	3,84,042	1,22,18,303	1. Head Works ...	1,39,599	8,715	1,48,314
II.—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	7,67,832	24,238	7,92,070
Irrigation on share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries ...	10,72,169	5,637	10,77,806
Irrigation share on account of percolation from the Canal —*vide* Government Resolutions Nos. 1159 and 1539, dated, respectively 28th July and 29th September 1892 ...	1,217	52	1,269	4. Drainage and Protective Works ...	179	...	179
				Total ...	19,79,779	38,590	20,18,369
				III.—COMPENSATION ...	494	...	494
Total ...	1,217	52	1,269	IV.—ESTABLISHMENT.			
Total, Receipts ...	1,18,35,478	3,84,094	1,22,19,572	1 & 2. Direction and Accounts.	14,96,712	46,835	15,43,547
				3. Executive ...			
				Total ...	14,96,712	46,835	15,43,547
				V.—TOOLS AND PLANT ...	1,57,576	1,538	1,59,114
Carried over ...	1,18,35,478	3,84,094	1,22,19,572	Carried over ...	37,85,125	89,585	38,74,710

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total. Previous.	Total. 1920-1921.	Total. Total.	Charges.	Total. Previous.	Total. 1920-1921.	Total. Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,18,35,478	3,84,094	1,22,19,572	Brought forward ...	37,85,125	89,585	38,74,710
				VI.—REFUNDS OF REVENUE .	22,450	30,998	53,448
				Suspense Account ...	—1,894	12,377	10,483
				Total ...	38,05,681	1,32,960	39,38,641
				Share of Collection Charges in the Civil Department .	3,15,264	15,546	3,30,810
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,14,342	6,557	2,20,899
				Total, Charges ...	43,35,287	1,55,063	44,90,350
				Balance Net Revenue ...	75,00,191	2,29,031	77,29,222
Grand Total ...	1,18,35,478	3,84,094	1,22,19,572	Grand Total ...	1,18,35,478	3,84,094	1,22,19,572

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897; and that of the Mátoba Tank on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Mátoba Tank in Government Resolution No. 827 of 17th May 1894.

Note—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 2,665.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920	1,14,58,950	Net revenue realized to end of 1919-1920	75,00,191
Interest charges for the year 1920-1921.	2,07,246	Do. during 1920-1921.	2,29,031
			77,29,222
		Balance net Interest charges ...	39,36,974
Total ...	1,16,66,196	Total ...	1,16,66,196

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,01,613	172	2,01,785
Total ...	2,95,141	172	2,95,313
REVENUE—			
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	2,14,342	6,557	2,20,899
Total ...	2,14,342	6,557	2,20,899

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	54,32,920	—3,35,323	50,96,597	27	113	86	50,96,724	Rs. 144
Establishment ...	10,12,260	30,670	10,42,930	4	25	21	10,42,934	
Tools and Plant ...	1,19,987	—1,541	1,18,446	...	2	2	1,18,446	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136	
Total ...	65,64,267	—3,07,330	62,56,937	31	140	109	62,56,968	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328	
Net Total ...	65,52,033	—3,07,424	62,44,609	31	140	109	62,44,640	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	58,776	34,752	93,528	...	...	...	93,528	
Leave and Pension Allowances... ...	1,89,546	12,238	2,01,784	1	4	3	2,01,785	
Total ...	2,48,322	46,990	2,95,312	1	4	3	2,95,313	
Grand Total ...	68,00,355	—2,60,434	65,39,921	32	144	112	65,39,953	

Government Order No. W.I.-11541 (Public Works Department), dated 28th November 1918.

Note.—Estimate amounting to Rs. 4,260 for 'works' for Buildings at Khudaksala sanctioned in Government Order No. A.I.-12242, dated 23rd June 1920, closed during the year 1920-21. The charges have been included under closed sanctions.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 8.—Revenue Account for, and to end of, 1920-1912.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	6,80,368	30,534	7,10,902	I.—EXTENSIONS AND IMPROVEMENTS.			
3. Sales of water ...	5,19,114	99,097	6,18,211				
4. Water-supply of towns... ...	2,66,390	...	2,66,390	1. Head Works	5,294	1,683	6,977
5. Plantations ...	1,85,968	804	1,91,506	2. Main Canals and Branches	44,831	4,056	48,887
6. Other Canal produce ...		4,734		3. Distributaries	1,075	...	1,075
9. Rents of Buildings	365	2	367				
11. Miscellaneous Receipts ...	29,683	299	29,982	Total ...	51,200	5,739	56,939
Total ...	16,81,888	1,35,470	18,17,358	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works	96,175	1,743	97,918
				2. Main Canals and Branches	2,67,646	5,317	2,72,963
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries	5,333	1,342	6,675
				Total ...	3,69,154	8,402	3,77,556
				III.—COMPENSATION ...	69	...	69
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,59,765	7,585	2,67,350
				3. Executive			
				Total ...	2,59,765	7,585	2,67,350
				V.—TOOLS AND PLANT ...	7,668	572	8,240
Carried over ...	16,81,888	1,35,470	18,17,358	Carried over ...	6,87,856	22,298	7,10,154

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	16,81,888	1,35,470	18,17,358	Brought forward ...	6,87,856	22,298	7,10,154
				VI.—REFUNDS OF REVENUE.	1,157	...	1,157
				Suspense Account ...	—71	...	—71
				Total ...	6,88,942	22,298	7,11,240
				Share of Collection Charges in the Civil Department...	46,069	6,451	52,520
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	40,343	1,062	41,405
				Total Charges ...	7,75,354	29,811	8,05,165
				Balance Net Revenue ...	9,06,534	1,05,659	10,12,193
Grand Total ...	16,81,888	1,35,470	18,17,358	Grand Total ...	16,81,888	1,35,470	18,17,358

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.
Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 8 th July 1891.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920	23,52,875	Net revenue realized to end of 1919-1920	9,06,534
Interest charges for the year 1920-1921.	40,837	Do. during 1920-1921.	1,05,659
			10,12,193
		Balance net Interest charges ...	13,81,519
Total ...	23,93,712	Total ...	23,93,712

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	40,343	1,062	41,405

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1922).	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	633	...	633	633	633
C. Works	2,04,990	...	2,04,990	2,07,072	1,45,889
K. Buildings	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,07,053	...	2,07,053	2,09,135	1,47,952
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges	32,208	...	32,208	32,208	32,208
K. Buildings	12,100	...	12,100	12,100	12,100
L. Earth-work	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations	882	...	882	882	882
O. Miscellaneous	513	...	513	513	513
P. Maintenance	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—*Distributaries.*					
B. Land	562	...	562	562	562
C. Works	16,279	...	16,279	16,279	16,279
L. Earth-work	12,442	...	12,442	12,442	12,442
M. Plantations	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,35,136	...	7,35,136	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,686	...	36,686	1,55,459	33,980
3. Executive	1,18,587	..	1,18,587		1,08,540
Total, Establishment ...	1,55,273	...	1,55,273	1,55,459	1,42,520
III.—TOOLS AND PLANT	2,568	...	2,568	2,585	1,682
Grand Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237
V.—*Less*—Receipts on Capital Account	.....	...	.....	.....	.....
Net Outlay ...	8,92,977	...	8,92,977	8,95,262	8,20,237
Apportionment.					
Chargeable to 49.—Irrigation ...	8,18,545	..	8,18,545	8,18,545	8,18,545
Chargeable to 43.—Minor Works and Navigation	74,432	...	74,432	76,717	1,692
Total ...	8,92,977	...	8,92,977	8,95,262	8,20,237

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	17,86,613	32,975 (a) 1,986	18,20,974	1. Head Works	1,877	...	1,877
3. Sales of water...	66	...	66	2. Main Canals and Branches	4,864	763	5,627
4. Water-supply of towns ...	6,232	...	6,232	3. Distributaries... ...	565	...	565
5. Plantations ...	85,951	597	86,548	Total ...	7,306	763	8,069
6. Other Canal produce ...							
9. Rents of Buildings	2,773	...	2,773				
11. Miscellaneous Receipts ...	411	1	412	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works	15,450	81	15,531
Total ...	18,81,446	35,559	19,17,005	2. Main Canals and Branches	3,34,081	9,324	3,43,405
				3. Distributaries... ...	25,012	...	25,012
				4. Drainage and Protective Works ...	395	...	395
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	3,74,938	9,405	3,84,343
				III.—COMPENSATION ...	20,627	404	21,031
Total, Receipts ...	18,81,446	35,559	1,917,005				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... 3. Executive	2,40,189	4,090	2,44,279
				Total ...	2,40,189	4,090	2,44,279
				V.—TOOLS AND PLANT ...	5,540	481	6,021
Carried over ...	18,81,446	35,559	19,17,005	Carried over ...	6,48,600	15,143	6,63,743

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	18,81,446	35,559	19,17,005	Brought forward ..	6,48,600	15,143	6,63,743
(a) Amount adjusted by credit to water-rates and debit *per contra* on account of the following charges recovered by the Native States from water-rate collection :—				VI.—REFUNDS OF REVENUE.	1,632	...	1,632
				Total ...	6,50,232	15,143	6,65,375
Loss of assessments on account of land taken up for the Canals, debited to III—Compensation— Rs.							
Sangli State ... 252				Share of Collection Charges in the Civil Department .	1,11,578	1,026	1,14,186
Pant Pratinidhi 152						(a) 1,582	
404				Indirect charges debitable to Revenue Account as per Account No. 5 ...	39,476	573	40,049
Collection charges— Rs.							
Pant Pratinidhi— For recovery of water-rates . 1,559				Total, Charges ...	8,01,286	16,324	8,19,610
Sangli State— For recovery of water-rates . 423				Balance Net Revenue ...	10,80,160	17,235	10,97,395
1,582							
Total ... 1,986							
Grand Total ...	18,81,446	35,559	19,17,005	Grand Total ...	18,81,446	35,559	19,17,005

N.B.—Construction Estimate closed on 31st March 1892, *vide* Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1919-1920	16,51,055	Net revenue realized to end of 1919-1920	10,80,160
Interest charges for the year 1920-1921 .	28,694	Do. during 1920-1921 .	17,235
			10,97,395
		Balance net Interest charges	5,83,354
Total ...	16,80,749	Total ...	16,80,749

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	21,822	.....	21,822
2. Leave and Pension Allowances	29,660	.....	29,660
Total ...	51,482	.....	51,482

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921—continued.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	39,412	573	39,985
Total ...	39,476	573	40,049

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	59,101	61,183	2,082	7,35,136	Estimate sanctioned in Government of India, Public Works Department, No. 353-I., dated 30th March 1916, communicated in Government Order No. W.I.-4725 (Public Works Department), dated 4th May 1916.
Establishment ...	1,39,464	3,056	1,42,520	12,753	12,939	186	1,55,273	
Tools and Plant ...	1,682	...	1,682	886	903	17	2,568	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822	
Leave and Pension Allowances ...	27,446	428	27,874	1,786	1,811	25	29,660	
Total ...	44,668	5,028	49,696	1,786	1,811	25	51,482	
Grand Total ...	8,46,755	23,178	8,69,933	74,526	76,836	2,310	9,44,459	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	46,060	1,344	47,404				
3. Sales of water ...	2	...	2	1. Head Works ...	15,425	...	15,425
5. Plantations ...		66					
6. Other canal produce	26,462	1,476	28,004	2. Main Canals and Branches ...	1,40,426	12,299	1,52,725
9. Rents of Buildings.	4,512	...	4,512				
10. Fines	6,980	301	7,281	3. Distributaries ...	863	...	863
11. Miscellaneous Receipts	35,940	1,949	37,889				
				Total ...	1,56,714	12,299	1,69,013
Total ...	1,19,956	5,136	1,25,092				
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	57,78,097	1,51,489	59,29,586	1. Head Works ...	6,627	...	6,627
				2. Main Canals and Branches ...	16,99,722	1,01,784	18,01,506
4 per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889...							
				Total ...	17,06,349	1,01,784	18,08,133
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	4,89,595	17,477	5,07,072
	19,763	856	20,619	3. Executive			
Total ...	57,97,860	1,52,345	59,50,205	Total ...	4,89,595	17,477	5,07,072
Total, Receipts ...	59,17,816	1,57,481	60,75,297	V.—TOOLS AND PLANT ...	20,390	1,221	21,611
Carried over ...	59,17,816	1,57,481	60,75,297	Carried over ...	23,73,048	1,32,781	25,05,829

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
43.—MINOR WORKS AND NAVIGATION.
SUKKUR CANAL.
CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	59,17,816	1,57,481	60,75,297	Brought forward ...	23,73,048	1,32,781	25,05,829
				VI.—REFUNDS OF REVENUE	119	...	119
				Total ...	23,73,167	1,32,781	25,05,948
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 238-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				Share of Collection Charges in the Civil Department	4,26,376	9,190	4,35,566
Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5	77,428	2,447	79,875
To end of 1919-1920. 2,54,114							
Loss for 1920-1921 ... 3,952							
Total ... 2,58,066				Total, Charges ...	28,76,971	1,44,418	30,21,389
				Balance Net Revenue ...	30,40,845	13,063	30,53,908
Grand Total ...	59,17,816	1,57,481	60,75,297	Grand Total ...	59,17,816	1,57,481	60,75,297

N. B.—Last Capital Account detailed in the Administrative Accounts for 1918-19.
Construction Estimate Closed on 31st March 1896—*vide* Government Resolution No. 1411, dated 12th September 1893.
Completion Report approved in Government Resolution No. 509, dated 27th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	3,101	.....	3,101
2. Leave and Pension Allowances	74,327	2,447	76,774
Total ...	77,428	2,447	79,875

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

43—MINOR WORKS AND NAVIGATION.

GHAR CANAL.

CANAL PROJECT.

No. 2—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1879.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) *Main Canals and Branches.*					
A. Preliminary Expenses ...	551	...	551	551	551
B. Land	197	...	197	6,677	197
D. Regulators	35,389	400	35,789	37,091	35,389
G. Bridges	.....	4,834	4,834	5,551	...
K. Buildings	1,16,749	...	1,16,749	1,16,749	1,16,749
L. Earth-work	2,05,483	22,957	2,28,440	2,33,088	2,05,483
M. Plantations	14	...	14	14	14
O. Miscellaneous	13,427	1,410	14,837	16,441	13,427
Total Main Canals and Branches...	3,71,810	29,601	4,01,411	4,17,262	3,71,810
(3) *Distributaries.*					
C. Works	19,777	...	19,777	19,777	19,777
L. Earth-work	4,477	...	4,477	4,477	4,477
Total Distributaries ...	24,254	...	24,254	24,254	24,254
(4) *Drainage and Protective Works.*					
L. Earth-work	50,886	...	50,886	50,886	50,886
Total Drainage and Protective Works.	50,886	...	50,886	50,886	50,886
Total I—Works ...	4,46,950	29,601	4,76,551	4,92,402	4,46,950
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	23,617	4,570	1,03,041	1,08,698	23,617
3. Executive	74,854				74,854
Total Establishment ...	98,471	4,570	1,03,041	1,08,698	98,471
III.—TOOLS AND PLANT ...	2,984	306	3,290	3,666	2,984
IV.—Suspense Accounts... ...	.....	...	.....	.....	...
Grand Total ...	5,48,405	34,477	5,82,882	6,04,766	5,48,405
V.—Less Receipts on Capital Account.	.....	...	.....	.....	...
Net Outlay ...	5,48,405	34,477	5,82,882	6,04,766	5,48,405
Apportionment.					
Chargeable to 43—Minor Works and Navigation.	5,48,405	34,477	5,82,882	6,04,766	5,48,405

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,58,509	156	2,58,665	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	76,933	380	79,313	1. Head Works ...	1,407	...	1,407
6. Other canal produce		2,000					
9. Rents of Buildings.	23,647	230	23,877	2. Main Canals and Branches	4,04,813	3,213	4,08,026
10. Fines	20,695	141	20,836				
11. Miscellaneous Receipts	2,08,242	4,919	2,13,152	3. Distributaries ...	12,796	...	12,796
Total ...	5,88,026	7,817	5,95,843	Total ...	4,19,016	3,213	4,22,229
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	3,12,22,323	7,27,690	3,19,50,013	II.—MAINTENANCE AND REPAIRS.			
4 per cent. on $\frac{1}{8}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.-I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1,56,216	7,612	1,63,828	2. Main Canals and Branches ...	44,02,222	1,27,510	45,29,732
				3. Distributaries ...	15,675	...	15,675
				Total ...	44,17,897	1,27,510	45,45,407
Total ...	3,13,78,539	7,35,302	3,21,13,841	III.—COMPENSATION.	108	...	108
Total, Receipts ...	3,19,66,565	7,43,119	3,27,09,684	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	12,86,304	19,824	13,06,128
				3. Executive ...			
				Total ...	12,86,304	19,824	13,06,128
				V.—TOOLS AND PLANT ...	12,741	1,394	14,135
Carried over ...	3,19,66,565	7,43,119	3,27,09,684	Carried over ...	61,36,066	1,51,941	62,88,007

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	3,19,66,565	7,43,119	3,27,09,684	Brought forward ...	61,36,066	1,51,941	62,88,007
				VI.—REFUNDS OF REVENUE	184	...	184
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	...	3	3
				Total ...	61,36,250	1,51,344	62,88,194
Rs.							
To end of 1919-1920. 12,91,304				Share of Collection Charges in the Civil Department	25,04,588	43,680	25,48,268
Loss for 1920-1921 . 37,877							
Total ... 13,29,181							
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,11,884	2,775	2,14,659
				Total, Charges ...	88,52,722	1,98,399	90,51,121
				Balance Net Revenue ...	2,31,13,843	5,44,720	2,36,58,563
Grand Total ...	3,19,66,565	7,43,119	3,27,09,684	Grand Total ...	3,19,66,565	7,43,119	3,27,09,684

N.B.—Construction Estimate closed on 31st March 1870—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 927, dated 11th June 1895.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43—MINOR WORKS AND NAVIGATION.

GHA'R CANAL—*continued.*

CANAL PROJECT.

No. 5—Account of Indirect Charges for, and to end of, 1920-21.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	12,536	.....	12,536
2. Leave and Pension Allowances ...	18,318	640	18,958
Total ...	30,854	640	31,494
REVENUE—			
1. Capitalized abatement of Land Revenue ...	16,045	.....	16,045
2. Leave and Pension Allowances ...	1,95,839	2,775	1,98,614
Total ...	2,11,884	2,775	2,14,659

No. 6—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanctions.			Current Sanction.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Account of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	3,33,237	1,08,713	4,46,950	29,601	45,452	15,851	4,76,551	Government Order (Public Works Department) No. W.I.—15776, dated 19th November 1920— Rs. 76,393.
Establishment ...	75,554	22,917	98,471	4,570	10,227	5,657	1,03,041	
Tools and Plant ...	1,746	1,238	2,984	306	682	376	3,290	
Total ...	4,15,537	1,32,868	5,48,405	34,477	56,361	21,884	5,82,882	
Less—Receipts on Account.	...	...	...	...	...	...	...	
Net Total ...	4,15,537	1,32,868	5,48,405	34,477	56,361	21,884	5,82,882	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue.	10,329	2,207	12,536	...	18,600	18,600	12,536	
Leave and Pension Allowances.	15,111	3,207	18,318	640	1,432	792	18,958	
Total ...	25,440	5,414	30,854	640	20,032	19,392	31,494	
Grand Total ...	4,40,977	1,38,282	5,79,259	35,117	76,393	41,276	6,14,376	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	315	15	330				
5. Plantations	58	...	58	2. Main Canals and Branches .	10,059	81	10,140
6. Other canal produce ...	1,193	6	1,199	Average expenditure before Improvements	—31,904	—1,994	—33,898
10. Fines	159	...	159				
11. Miscellaneous Receipts ...	—101	—15	—116				
Total ...	1,624	6	1,630	Total ...	—21,845	—1,913	—23,758
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department	1,88,154	15,875	2,04,029	2. Main Canals and Branches	1,42,808	11,891	1,54,699
				Total ...	1,42,808	11,891	1,54,699
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A, I., dated, respectively, 20th June and 1st August 1883, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	7,604	825	8,429	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	11,332	903	12,235
				3. Executive			
Total ...	1,95,758	16,700	2,12,458	Total ...	11,332	903	12,235
Total, Receipts ...	1,97,382	16,706	2,14,088				
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs.				V.—TOOLS AND PLANT ...	8	159	167
				Total ...	1,32,303	11,040	1,43,343
				Share of Collection Charges in the Civil Department ...	11,159	952	12,111
To end of 1919-1920 4,506							
Loss for 1920-1921 402				Indirect Charges debitable to Revenue Account as per Account No. 5	1,587	126	1,713
Total ... 4,908							
				Total, Charges ...	1,45,049	12,118	1,57,167
				Balance Net Revenue ...	52,333	4,588	56,921
Grand Total ...	1,97,382	16,706	2,14,088	Grand Total ...	1,97,382	16,706	2,14,088

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 299, dated 5th February 1910. Completion Report approved in Government Resolution No. 950, dated 9th May 1911.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,587	126	1,713

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 2.—Revenue Account for and to end of, 1920-1921.

Head of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimated closed on 31st March 1876.)	Expenditure against closed estimates.
	Previous.	1920-21.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2) Main Canals and Branches.					
D. Regulators	.....	37,993	37,993	58,626	...
G. Bridges	1,167	...	1,167	1,167	1,167
K. Buildings	.....	333	333	2,051	...
L. Earth-Work	18,469	...	18,469	18,469	18,469
Total Main Canals and Branches ...	19,636	38,326	57,962	80,313	19,636
Total I.—Works ...	19,636	38,326	57,962	80,313	19,636
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	1,630	12,632	16,180	17,200	1,630
3. Executive	1,918				1,918
Total Establishment ...	3,548	12,632	16,180	17,200	3,548
III.—TOOLS AND PLANT ...	23	395	418	933	23
IV.—*Suspense Accounts* ...	.....	...	.....	.....	...
Grand Total ...	23,207	51,353	74,560	98,446	23,207
V.—Less Receipts on Capital Account.	.....	...	.....	.....	...
Net Outly ...	23,207	51,353	74,560	98,446	23,207
Apportionment.					
Chargeable to 43—Minor Works and Navigation	23,207	51,353	74,560	98,446	23,207

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	25,502	...	25,502				
5. Plantations ...	4,160	...	4,667	2. Main Canals and Branches	5,316	1,168	6,484
6. Other canal produce		507					
8. Navigation ...	...	3	3				
10. Fines	129	1	130	4. Drainage and Protective Works ...	245	...	245
11. Miscellaneous Receipts... ...	3,819	158	3,977	Total ...	5,561	1,168	6,729
Total ...	33,610	669	34,279	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	2,94,218	4,692	2,98,910	2. Main Canals and Branches	18,897	—3,491	15,406
¼ per cent. on ⅝ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1905, dated 10th July, and No. 1913, dated 7th November 1889	18,968	840	19,808	3. Distributaries ...	12,672	...	12,672
				Total ...	31,569	—3,491	28,078
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... ... 3. Executive	21,962	—162	21,800
Total ...	3,13,186	5,532	3,18,718	Total ...	21,962	—162	21,800
Total, Receipts ...	3,46,796	6,201	3,52,997	V.—TOOLS AND PLANT...	903	34	937
				VI.—REFUNDS OF REVENUE	19	...	19
Note.—Loss to the canal on account of difference between assessment of water-rates on jâghir and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:— Rs. To end of 1919-1920...1,19,747 Loss for 1920-1921 ... 2,862 Total ... 1,22,609				Total ...	60,014	—2,451	57,563
				Share of Collection Charges in the Civil Department	25,081	232	25,313
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,636	—23	3,613
				Total, Charges ...	88,681	—2,192	86,489
				Balance Net Revenue ...	2,58,115	8,393	2,66,508
Grand Total ...	3,46,796	6,201	3,52,997	Grand Total ...	3,46,796	6,201	3,52,997

N.B.—Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-21.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	710	1,769	2,479
Total ...	710	1,769	2,479
REVENUE—			
1. Capitalized abatement of Land Revenue ...	.....	.....	.....
2. Leave and Pension Allowances ...	3,636	—23	3,613
Total ...	3,636	—22	3,613

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanction.			Current Sanction.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Account of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	19,636	...	19,636	38,326	60,677	22,351	57,962	Revised estimate sanctioned in Government Order No. W. I.—1484, dated 27th January 1921—Rs. 77 100.
Establishment ..	3,548	...	3,548	12,632	13,652	1,020	16,180	
Tools and Plant ...	23	...	23	395	910	515	418	
Total ...	23,207	...	23,207	51,353	75,239	23,886	74,560	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	23,207	..	23,207	51,353	75,239	23,886	74,560	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	710	...	710	1,769	1,911	142	2,479	
Total ...	710	...	710	1,769	1,911	142	2,479	
Grand Total ...	23,917	...	23,917	53,122	77,150	24,028	77,039	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1882.)	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	1,062	...	1,062	1,062	1,062
D. Regulators	1,46,394	—3,159	1,43,235	1,43,235	1,43,235
G. Bridges	929	...	929	929	929
K. Buildings	31,595	—105	31,490	31,490	31,490
L. Earth-work	1,53,063	...	1,53,063	1,53,063	1,53,063
Total, Main Canals and Branches ...	3,33,043	—3,264	3,29,779	3,29,779	3,29,779
Total I.—Works ...	3,33,043	—3,264	3,29,779	3,29,779	3,29,779
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	87,028	—1,356	85,672	85,672	85,672
3. Executive					
4. Medical					
5. Special Survey					
Total, Establishment ...	87,028	—1,356	85,672	85,672	85,672
III.—TOOLS AND PLANT ...	3,450	—65	3,385	3,385	3,385
Grand Total ...	4,23,521	—4,685	4,18,836	4,18,836	4,18,836
V.—Less Receipts on Capital Account ...	80	...	80	80	80
Net Outlay ...	4,23,441	—4,685	4,18,756	4,18,756	4,18,756
Apportionment.					
Chargeable to 43—Minor Works and Navigation	4,23,441	—4,685	4,18,756	4,18,756	4,18,756

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MA'BAK GREAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,20,963	827	1,21,790				
3. Sales of water ...	15	...	15	2. Main Canals and Branches	45,076	...	45,076
5. Plantations ...	25,163	129	28,380				
6. Other canal produce.		3,088		Total ...	45,076	...	45,076
8. Navigation ...	124	2	126				
9. Rents of Buildings.	143	..	143	II.—MAINTENANCE AND REPAIRS.			
10. Fines	2,395	...	2,395				
11. Miscellaneous Receipts	14,768	703	15,471	1. Head Works ...	3,416	...	3,416
				2. Main Canals and Branches	4,97,077	8,633	5,05,710
Total ...	1,63,571	4,749	1,68,320				
				Total ...	5,00,493	8,633	5,09,126
II.—INDIRECT RECEIPTS							
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	32,25,495	86,536	33,12,031				
				1 & 2. Direction and Accounts	2,14,243	4,228	2,18,471
4 per cent. on $\frac{5}{6}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53-A. I., dated respectively 29th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1918, dated 7th November 1889	65,738	3,408	69,146	3. Executive			
				Total ...	2,14,243	4,228	2,18,471
				V.—TOOLS AND PLANT ...	4,463	213	4,676
Total ...	32,91,233	89,944	33,81,177	VI.—REFUNDS OF REVENUE ...	40	...	40
				Total ...	7,64,315	13,074	7,77,389
Total Receipts ...	34,54,804	94,693	35,49,497				
				Share of Collection Charges in the Civil Department	2,48,547	5,272	2,53,819
Note.—Loss to the canal on account of difference between assessment of water-rates on jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 238-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs.				Indirect Charges debitable to Revenue Account as per Account No. 5	32,068	592	32,660
To end of 1919-1920 . 7,00,971							
Loss for 1920-1921... 21,518				Total, Charges ...	10,44,930	18,938	10,63,868
Total .. 7,22,489				Balance Net Revenue ...	24,09,874	75,755	24,85,629
Grand Total ...	34,54,804	94,693	35,49,497	Grand Total ...	34,54,804	94,693	35,49,497

N.B.—Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 5.— Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL.	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	1,554	.....	1,554
2. Leave and Pension Allowances	14,147	—190	13,957
Total ...	15,701	—190	15,511
REVENUE—			
1. Capitalized Abatement of Land Revenue	772	.....	772
2 Leave and Pension Allowances	31,296	592	31,888
Total ...	32,068	592	32,660

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanction.			Currrent Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date	Amount of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,59,516	1,70,263	3,29,779	...	...	...	3,29,779	
Establishment ...	32,719	52,953	85,672	...	...	...	85,672	
Tools and Plant ...	1,445	1,940	3,385	...	...	...	3,385	
Total ...	1,93,680	2,25,156	4,18,836	...	...	...	4,18,836	
Less—Receipts on Capital Account.	80	...	80	...	...	...	80	
Net Total ...	1,93,600	2,25,156	4,18,756	...	...	...	4,18,756	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	942	612	1,554	...	...	...	1,554	
Leave and Pension Allowances ..	6,544	7,413	13,957	...	..	...	13,957	
Total ...	7,486	8,025	15,511	...	...	...	15,511	
Grand Total ...	2,01,086	2,33,181	4,34,267	...	...	...	4,34,267	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL. Previous.	1920-1921.	Total.	Charges.	TOTAL. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	74,467	675	75,142				
5. Plantations... ...	22,231	52	23,337	2. Main Canals and Branches	41,306	756	42,062
6. Other canal produce .		1,054					
8. Navigation	62	...	62				
9. Rents of buildings .	7	...	7	II.—MAINTENANCE AND REPAIRS.			
10. Fines	347	5	352				
11. Miscellaneous Receipts... ...	7,521	287	7,808	2. Main Canals and Branches	3,41,727	9,871	3,51,598
Total ...	1,04,685	2,073	1,06,708				
II.—INDIRECT RECEIPTS. Irrigation share of Land Revenue collected in the Civil Department	11,18,964	30,866	11,49,830	4. Drainage and Protective Works ...	6,778	...	6,778
				Total ...	3,48,505	9,871	3,58,376
4 per cent on $\frac{1}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1260, dated 10th July, and No. 1913, dated 7th November 1889	30,719	1,295	32,014	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ... ... 3. Executive	1,26,497	3,670	1,30,167
				Total ...	1,26,497	3,670	1,30,167
Total ...	11,49,683	32,161	11,81,844	V.—TOOLS AND PLANT..	2,092	143	2,235
Total Receipts ...	12,54,318	34,234	12,88,552	VI.—REFUNDS OF REVENUE	4	...	4
				Total ...	5,18,404	14,440	5,32,844
Note.—Loss to the canal on account of difference between assessment of water-rates on jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1919-1920...3,64,168 Loss for 1920-1921 ... 6,625 Total... 3,70,793				Share of Collection Charges in the Civil Department	87,353	1,893	89,246
				Indirect Charges debitable to Revenue Account as per Account No. 5	20,403	514	20,917
				Total Charges ..	6,26,160	16,847	6,43,007
				Balance Net Revenue ...	6,28,158	17,387	6,45,545
Grand Total ...	12,54,318	34,234	12,88,552	Grand Total ...	12,54,318	34,234	12,88,552

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 12th September 1883. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	1,278	.....	1,278
2. Leave and Pension Allowances	19,125	514	19,639
Total ...	20,403	514	20,917

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Head of Account.	Direct Charges.			Cost of construction as now estimated. (construction estimated closed on 31st March 1893.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) Head Works.					
C. Works	66,278	...	66,278	66,278	66,278
K. Buildings	4,012	...	4,012	4,012	4,012
Total Head Works ...	70,290	...	70,290	70,290	70,290
(2) *Main Canal Branch.*					
A. Preliminary Expenses ...	43,303	...	43,303	43,303	43,303
B. Land	7,456	...	7,456	7,456	7,456
D. Regulator	2,13,773	1,11,284	3,25,057	2,13,773	2,13,773
G. Bridges	36,992	...	36,992	36,992	36,992
H. Escapes	2,44,313	...	2,44,313	2,44,313	2,44,313
K. Buildings	44,073	...	44,073	44,073	44,073
L. Earth-Work	8,30,837	...	8,30,837	8,30,837	8,30,837
O. Miscellaneous	26,347	...	26,347	26,347	26,347
Total Main Canals and Branches ...	14,47,094	1,11,284	15,58,378	14,47,094	14,47,094
(3) *Distributaries.*					
B. Land	667	...	667	667	667
C. Works	65,540	...	65,540	65,540	65,540
L. Earth-work	32,160	...	32,160	32,160	32,160
Total Distributaries ...	98,367	...	98,367	98,367	98,367
Total I—Works ...	16,15,751	1,11,284	17,27,035	16,15,751	16,15,751
II.—ESTABLISHMENT					
1 & 2. Direction and Accounts ...	3,50,001	35,789	3,85,790	3,50,001	3,50,001
3. Executive					
Total Establishment ...	3,50,001	35,789	3,85,790	3,50,001	3,50,001
III.—TOOLS AND PLANT ...	9,398	1,046	10,444	9,398	9,398
IV.—Suspense Accounts ...	.....	...	.....	.....	...
Grand Total ...	19,75,150	1,48,119	21,23,269	19,75,150	19,75,150
V.—Less Receipts on Capital Account.	504		504	504	504
Net Outlay ...	19,74,646	1,48,119	21,22,765	19,74,646	19,74,646
Apportionment.					
Chargeable to 43.—Minor Works and Navigation	19,74,646	1,48,119	21,22,765	19,74,646	19,74,646

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	14,55,235	13,279	14,68,514	2. Main Canals and Branches. ...	3,58,343	21,023	3,79,366
3. Sales of water ...	3,404	5	3,409	3. Distributaries ...	28,517	...	28,517
5. Plantations ...	1,62,484	125	1,73,153				
6. Other canal produce		10,544		Total ...	3,86,860	21,023	4,07,883
8. Navigation ...	66,966	3,850	70,816	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings	7,707	1	7,708				
10. Fines	15,933	697	16,630	1 Head Works ...	169	...	169
11. Miscellaneous Receipts	1,79,691	10,419	1,90,110	2. Main Canals and Branches ...	54,12,846	96,036	55,08,882
Total ..	18,91,420	38,920	19,30,340	3. Distributaries ...	1,155	...	1,155
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	1,97,05,024	6,20,141	2,03,25,165	Total ...	54,14,170	96,036	55,10,206
				IV.—ESTABLISHMENT.			
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 53 A. I. dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1918, dated 7th November 1889	2,60,698	20,104	2,80,802	1. & 2. Direction and Accounts ... 3. Executive ...	16,69,658	46,746	17,16,404
				Total ...	16,69,658	46,746	17,16,404
Total ...	1,99,65,722	6,40,245	2,06,05,967				
				V.—TOOLS AND PLANT ...	43,230	1,802	45,032
Total, Receipts ...	2,18,57,142	6,79,165	2,25,36,307				
Carried over ...	2,18,57,142	6,79,165	2,25,36,307	Carried over ...	75,13,918	1,65,607	76,79,525

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

'PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921—continued.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought over ...	2,18,57,142	6,79,165	2,25,36,307	Brought over ...	75,13,918	1,65,607	76,79,525
				VI.—REFUNDS OF REVENUE	3,714	16	3,730
Note.—Loss to the canal on account of difference between assessment of waterrates on jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	—252	198	—54
				Total ...	75,17,380	1,65,821	76,83,201
Rs.				Share of Collection Charges in the Civil Department	16,01,992	38,240	16,40,232
To end of 1919-1920. 60,24,657 Loss for 1920-1921. 1,60,715							
Total ... 61,85,372				Indirect Charges debitable to Revenue Account as per Account No. 5	2,78,019	6,544	2,84,563
				Total, Charges ...	93,97,391	2,10,605	96,07,996
				Balance Net Revenue ...	1,24,59,751	4,68,560	1,29,28,311
Grand Total ...	2,18,57,142	6,79,165	2,25,36,307	Grand Total ...	2,18,57,142	6,79,165	2,25,36,307

N.B.—Construction Estimate closed on 31st March 1903—*Vide* Government Resolution No. 1095, dated 27th June 1894. Completion Report approved in Government Resolution No. 1095, dated 27th June 1894.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL—*continued.*

CANAL PROJECT.

No. 5—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capital abatement of Land Revenue ...	14,412	.....	14,412
2. Leave and Pension Allowances ...	58,469	5,011	63,480
Total ...	72,881	5,011	77,892
REVENUE—			
1. Capitalized abatement of Land Revenue ...	17,146	.....	17,146
2. Leave and Pension Allowances ...	2,50,873	6,544	2,67,417
Total ...	2,78,019	6,544	2,84,563

No. 6.—Statement comparing Charges to date with Sanctioned Estimate,

Particulars.	Charges against Closed Sanctions.			Current Sanction.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Account of sanctioned estimate.	Unspent balance of estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	9,84,801	6,30,950	16,15,751	1,11,284	...	-1,11,284	17,27,035	Sanction to the estimate is awaited.
Establishment ...	2,00,468	1,49,533	3,50,001	35,789	...	-35,789	3,85,790	
Tools and Plant ...	1,325	8,078	9,398	1,046	...	-1,046	10,444	
Total ...	11,86,594	7,88,556	19,75,150	1,48,119	...	-1,48,119	21,23,269	
Less—Receipts on Capital Account.	21	483	504	...	...	...	504	
Net Total ...	11,86,573	7,88,073	19,74,646	1,48,119	...	-1,48,119	21,22,765	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue.	6,800	7,612	14,412	...	...	...	14,412	
Leave and Pension Allowances.	37,536	20,933	58,469	5,011	...	-5,011	63,480	
Total ...	44,336	28,545	72,881	5,011	...	-5,011	77,892	
Grand Total ...	12,30,909	8,16,618	20,47,527	1,53,130	...	-1,53,130	22,00,657	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ..	2,778	—139	2,639	2. Main Canals and Branches	21,678	3,601	25,279
5. Plantation	3	...	3				
6. Other canal produce	2,411	306	2,717	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings	1	...	1				
10. Fines	339	...	339				
11. Miscellaneous receipts	4,390	145	4,535	2. Main Canals and Branches	1,91,922	10,002	2,01,924
Total ...	9,922	312	10,234	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	6,10,757	36,888	6,47,645	1. & 2. Direction and Accounts ... 3. Executive	71,171	4,588	75,759
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. L., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	6,787	693	7,480	Total ..	71,171	4,588	75,759
				V.—TOOLS AND PLANT ...	2,249	146	2,395
Total ...	6,17,544	37,581	6,55,125	Total ...	2,87,020	18,337	3,05,357
Total, Receipts ...	6,27,466	37,893	6,65,359	Share of Collection Charges in the Civil Department	36,329	2,205	39,034
Note.—Loss to the canal on account of difference between assessment of water-rates on jâghir lands and assessment at the ordinary rates in force for Government lands not-d here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				Indirect Charges debitable to Revenue Account as per Account No. 5	9,964	642	10,606
Rs.							
To end of 1919-1920 . 29,235							
Loss for 1920-1921 ... 1,525							
Total ... 30,760				Total, Charges ...	3,33,813	21,184	3,54,997
				Balance Net Revenue ...	2,93,653	16,709	3,10,362
Grand Total ..:	6,27,466	37,893	6,65,359	Grand Total ...	6,27,466	37,893	6,65,359

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 1802, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802, dated 15th July 1907.

No. 5.—Account of Indirect Charges for, and to end of, 1919-1920.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ..	.....	.....	.....
2. Leave and Pension Allowances	9,964	642	10,606
Total ...	9,964	642	10,606

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	36,106	5,831	41,937	1. Head Works ...	1,809	...	1,809
3. Sales of water ...	1,848	38	1,886	2. Main Canals and Branches... ...	10,575	1,495	12,070
4. Water-supply of towns ...	...	20	20	Total ...	12,384	1,495	13,879
5. Plantations ...	21	...	21	II.—MAINTENANCE AND REPAIRS.			
6. Other Canal produce ...	543	100	643	1. Head Works ...	32,906	691	33,597
9. Rents of buildings.	2	...	2	2. Main Canals and Branches... ...	32,006	3,738	35,744
11. Miscellaneous receipts	4,575	500	5,075	Total ...	64,912	4,429	69,341
Total ...	43,095	6,489	49,584	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1. & 2. Direction and Accounts... ...	26,796	764	27,560
Irrigation share of Land Revenue collected in the Civil Department.	20,897	8,048	28,945	3. Executive			
				Total ...	26,796	764	27,560
				V.—TOOLS AND PLANT ...	1,451	97	1,548
				VI.—REFUNDS OF REVENUE	103	...	103
				Total ...	1,05,646	6,785	1,12,431
				Share of Collection Charges in the Civil Department	4,038	1,096	5,134
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,769	107	3,876
Total ...	20,897	8,048	28,945	Total, Charges ...	1,13,453	7,988	1,21,441
Total, Receipts ...	63,992	14,537	78,529	Balance, Net Revenue...	—49,461	6,549	—42,912
				Grand Total ...	63,992	14,537	78,529

N.B.—Last Capital Account detailed in the Administrative Account for 1917-18.

Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 902, dated 31st March 1909. Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1918-1919.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	19	.....	19
2. Leave and Pension Allowances	3,750	107	3,857
Total ...	3,769	107	3,876

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
43.—MINOR WORKS AND NAVIGATION.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	5,123	25	5,148	1. Head Works ...	6,055	...	6,055
5. Plantations ...	1	...	1	2. Main Canals and Branches ...	399	...	399
6. Other Canal produce ...	732	128	860	Total ...	6,454	...	6,454
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11 Miscellaneous receipts ...	3,888	679	4,567	1. Head Works ...	15,245	803	16,048
				2. Main Canals and Branches ...	8,413	409	8,822
Total ...	9,760	832	10,592	Total ...	23,658	1,212	24,870
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	638	11	649	1 & 2. Direction and Accounts ... / 3. Executive ...	11,584	156	11,740
Total ...	638	11	649	Total ...	11,584	156	11,740
				V.—TOOLS AND PLANT ...	600	20	620
Total, Receipts ...	10,398	843	11,241	VI.—REFUNDS OF REVENUE ...	199	...	199
				Total ...	42,495	1,388	43,883
				Share of Collection Charges in the Civil Department	371	2	373
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,659	22	1,681
				Total, Charges ...	44,525	1,412	45,937
				Balance Net Revenue ...	—34,127	—569	—34,696
Grand Total ...	10,398	843	11,241	Grand Total ...	10,398	843	11,241

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 30th June 1909 —*Vide* Government Resolution No. 2496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1730, dated 6th August 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	38	.....	38
2. Leave and Pension Allowances	1,621	22	1,643
Total ...	1,659	22	1,681

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SAVALI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	32,873	6,875	39,748	1. Head Works ...	2,305	...	2,305
3. Sales of water ...	20	...	20	2. Main Canals and Branches ..	2,356	...	2,356
5 Plantations ...	65	...	65	Total ...	4,661	...	4,661
6. Other Canal produce...	316	100	416	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	14	.	14	1. Head Works ...	45,411	1,866	47,277
11 Miscellaneous receipts	3,475	311	3,786	2. Main Canals and Branches ...	14,597	2,945	17,542
Total ...	36,763	7,286	44,049	Total ...	60,008	4,811	64,819
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	2	...	2	1 & 2. Direction and Accounts ...	21,029	621	21,650
Total ...	2	...	2	3. Executive ...			
				Total ...	21,029	621	21,650
Total, Receipts ...	36,765	7,286	44,051	V.—TOOLS AND PLANT...	1,205	78	1,283
				VI.—REFUNDS OF REVENUE ...	48	...	48
				Total ...	86,951	5,510	92,461
				Share of collection Charges in the Civil Department ...	1,657	344	2,001
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,393	87	3,480
				Total, Charges ...	92,001	5,941	97,942
				Balance Net Revenue ...	—55,236	1,345	—53,891
Grand Total ...	36,765	7,286	44,051	Grand Total ...	36,765	7,286	44,051

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1910, *vide* Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2677, dated 15th March 1912.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	2,944	87	3,031
Total ...	3,393	87	3,480

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SAHIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	11,252	1,024	12,276	1. Head Works ...	2,460	...	2,460
5. Plantations ...	15	...	15	2. Main Canals and Branches ...	4,443	...	4,443
6. Other canal produce	1,007	38	1,045	3. Distributaries ...	612	...	612
11. Miscellaneous receipts	2,268	500	2,768	Total ...	7,515	...	7,515
Total ...	14,542	1,562	16,104	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	40,890	805	41,695
Irrigation share of Land Revenue collected in the Civil Department	2,606	1,297	3,903	2. Main Canals and Branches... ...	21,834	4,023	25,857
				Total ...	62,724	4,828	67,552
				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts	22,194	623	22,817
Total ...	2,606	1,297	3,903	8. Executive			
				Total ...	22,194	623	22,817
Total, Receipts ...	17,148	2,859	20,007	V.—TOOLS AND PLANT ...	1,355	79	1,434
				VI.—REFUNDS OF REVENUE ...	1	...	1
				Total ...	93,789	5,530	99,319
				Share of Collection Charges in the Civil Department	822	181	1,003
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,108	87	3,195
				Total, Charges ...	97,719	5,798	1,03,517
				Balance Net Revenue...	—80,571	—2,939	—83,510
Grand Total ...	17,148	2,859	20,007	Grand Total ...	17,148	2,859	20,007

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1912,—*vide* Government Resolution No. 2006, dated 18th October 1911. Completion Report approved in Government Resolution No. 10160, dated 7th October 1913.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	3,108	87	3,195
Total ...	3,108	87	3,195

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IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SUKI RIVER.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	.....	.....	.....
2. Leave and Pension Allowances	385	.....	385
Total ...	385	.....	385

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Work	...	...	...	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-1913. Outlay without estimate approved in Government Resolution No. A.I.—6022, dated 7th June 1913.
Establishment ...	...	...	...	2,749	...	—2,749	2,749	
Tools and Plant ...	...	...	...	178	...	—178	178	
Total ...	...	...	...	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	385	...	—385	385	
Total ...	...	...	...	385	...	—385	385	
Grand Total ...	...	...	...	15,524	...	—15,524	15,524	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	392	151	543	1. Head Works ...	500	...	500
5. Plantations ...	26	...	26	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.	108	17	125	1. Head Works ...	4,811	727	5,538
11. Miscellaneous receipts	513	195	708	2. Main Canals and Branches ...	1,824	602	2,426
Total ...	1,039	363	1,402	Total ...	6,635	1,329	7,964
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ... 3. Executive ...	1,830	171	2,001
				Total ...	1,830	171	2,001
Total, Receipts ...	1,039	363	1,402	V.—TOOLS AND PLANT...	87	22	109
				Total ...	9,052	1,522	10,574
				Share of Collection Charges in the Civil Department ...	20	8	28
				Indirect Charges debitable to Revenue Account as per Account No. 5	256	24	280
				Total, Charges ...	9,328	1,554	10,882
				Balance Net Revenue ...	—8,289	—1,191	—9,480
Grand Total ...	1,039	363	1,402	Grand Total ...	1,039	363	1,402

N.B.—Last Capital Account detailed in the Administrative Accounts for 1916-17. Construction Estimate closed on 30th November 1916.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	256	24	280
Total ...	256	24	280

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	18,185	184	18,369	1. Head Works ...	4,723	288	5,011
3. Sales of water ...	...	140	140	II.—MAINTENANCE AND REPAIRS.			
5. Plantations	16	2	15	1. Head Works ...	6,555	294	6,849
6. Other canal produce.	12,913	239	13,152	2. Main Canals and Branches ...	...	27	27
10. Fines	260	...	260	3. Distributaries ...	1,342	...	1,342
11. Miscellaneous Receipts.	18,100	734	18,834	Total ...	7,897	321	8,218
Total ...	49,474	1,299	50,773	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	8,657	366	9,023
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	3. Executive			
Total, Receipts ...	49,474	1,299	50,773	Total ...	8,657	366	9,023
				V.—TOOLS AND PLANT...	178	25	203
				VI.—REFUNDS OF REVENUE ...	2,957	...	2,957
				Total ...	24,412	1,000	25,412
				Share of Collection Charges in the Civil Department ...	1,698	16	1,714
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,227	51	1,278
				Total, Charges ...	27,337	1,067	28,404
				Balance Net Revenue ...	22,137	232	22,369
Grand Total ...	49,474	1,299	50,773	Grand Total ...	49,474	1,299	50,773

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-1887. Construction Estimate closed on 31st March 1887 —*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1, Leave and Pension Allowances	1,227	51	1,278
Total ...	1,227	51	1,278

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MHASWA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	32,160	296	32,456				
3. Sales of water ...	14	...	14	1. Head Works ...	6,774	...	6,774
5. Plantations ...	10,637	33	10,986	2. Main Canals and Branches ...	2,609	...	2,609
6. Other canal produce.		316		3. Distributaries ...	586	...	586
9. Rents of buildings.	154	...	154				
10. Fines... ...	5	...	5	Total ...	9,969	...	9,969
11. Miscellaneous receipts ...	14,227	552	14,779	II.—MAINTENANCE AND REPAIRS.			
Total ...	57,197	1,197	58,394	1. Head Works ...	4,324	...	4,324
				2. Main Canals and Branches ...	5,838	921	6,759
II.—INDIRECT RECEIPTS.				3. Distributaries ...	16,408	...	16,408
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	26,570	921	27,491
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	26,966	554	27,520
				3. Executive			
Total Receipts ...	57,197	1,197	58,394	Total ...	26,966	554	27,520
				V.—TOOLS AND PLANT...	1,223	37	1,260
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE	212	...	212
				Total ...	65,089	1,512	66,601
				Share of Collection Charges in the Civil Department	1,636	15	1,651
				Indirect Charges debitable to Revenue Account as per Account No. 5	4,055	78	4,133
				Total, Charges ...	70,780	1,605	72,385
				Balance Net Revenue ...	—13,583	—408	—13,991
Grand Total ...	157,97	1,197	58,394	Grand Total ...	57,197	1,197	58,394

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	120	...	120
2. Leave and Pension Allowances	3,935	78	4,013
Total ...	4,055	78	4,133

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	3,01,053	5,350	3,06,403	1. Head Works ...	8,605	...	8,605
3. Sales of water ...	212	...	212	2. Main Canals and Branches ...	24,275	1,049	25,324
5. Plantations	58,566	2,168	61,283	3. Distributaries ...	1,464	...	1,464
6. Other canal produce.		549		Total ...	34,344	1,049	35,393
9. Rents of buildings ...	2,106	...	2,106	II.—MAINTENANCE AND REPAIRS.			
10. Fines	153	...	153	1. Head Works ...	19,303	558	19,861
11. Miscellaneous receipts	2,714	75	2,789	2. Main Canals and Branches ...	2,40,183	5,844	2,46,027
Total ...	3,64,804	8,142	3,72,946	3. Distributaries ...	15,879	373	16,252
II.—INDIRECT RECEIPTS.				Total ...	2,75,365	6,775	2,82,140
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,29,743	4,704	2,34,447
				3. Executive			
Total Receipts ...	3,64,804	8,142	3,72,946	Total ...	2,29,743	4,704	2,34,447
				V.—TOOLS AND PLANT ...	6,077	316	6,393
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,085	17	1,102
				Total ...	5,46,698	12,861	5,59,559
				Share of Collection Charges in the Civil Department	14,988	268	15,256
				Indirect Charges debitable to Revenue Account as per Account No. 5	35,616	659	36,275
				Total, Charges ...	5,97,302	13,788	6,11,090
				Balance Net Revenue ...	2,32,498	-5,646	-2,38,144
Grand Total ...	3,64,804	8,142	3,72,946	Grand Total ...	3,64,804	8,142	3,72,946

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-21.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	446	...	446
2. Leave and Pension Allowances	35,170	659	35,829
Total ...	35,616	659	36,275

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	3,707	...	3,707
1. Water-rates from Irrigation ...	79,944	4,305	84,249	Total ...	3,707	...	3,707
5. Plantations... ...	689	...	689				
6. Other canal produce.	1,020	112	1,132	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings ...	1	...	1	1. Head Works ...	7,825	485	8,310
10. Fines	22	...	22	2. Main Canals and Branches ...	16	...	16
11. Miscellaneous Receipts	408	40	448	3. Distributaries ...	4,152	...	4,152
Total ...	82,084	4,457	86,541	Total ...	11,993	485	12,478
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ... ... 3. Executive	22,647	281	22,928
				Total ...	22,647	281	22,928
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	V.—TOOLS AND PLANT ...	949	18	967
				VI.—REFUNDS OF REVENUE ...	177	...	177
Total, Receipts ...	82,084	4,457	86,541	Total ...	39,473	784	40,257
				Share of Collection Charges in the Civil Department	3,998	215	4,213
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,169	39	3,208
				Total, Charges ...	46,640	1,038	47,678
				Balance Net Revenue ...	35,444	3,419	38,863
Grand Total ...	82,084	4,457	86,541	Grand Total ...	82,084	4,457	86,541

N.B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. A.I.—12827, dated 18th December 1917, Rs. 637.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Leave and Pension Allowances	3,169	39	3,208
Total ...	3,169	39	3,208

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL.		
	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.			
1. Water-rates from Irrigation ...	2,95,898	25,112	3,21,010
3. Sales of water...	29	...	29
5. Plantations ...	22,309	141	22,733
6. Other canal produce ...		283	
9. Rents of Buildings ...	944	...	944
10. Fines ...	1,248	35	1,283
11. Miscellaneous Receipts ...	8,139	216	8,355
Total ...	3,28,567	25,787	3,54,354
II.—INDIRECT RECEIPTS.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...
Enhanced Land Revenue as per Government Resolution No. 275, dated 7th July 1880 ...	3,116	76	3,192
Total ...	3,116	76	3,192
Total, Receipts ...	3,31,683	25,863	3,57,546
Grand Total ...	3,31,683	25,863	3,57,546

Charges.	TOTAL.		
	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
I.—EXTENSIONS AND IMPROVEMENTS.			
1. Head Works ...	172	...	172
2. Main Canals and Branches ...	5,737	...	5,737
Total ...	5,909	...	5,909
II.—MAINTENANCE AND REPAIRS.			
1. Head Works ...	3,374	...	3,374
2. Main Canals and Branches ...	1,57,788	22,111	1,79,899
3. Distributaries ...	11,548	297	11,845
Total ...	1,72,710	22,408	1,95,118
IV.—ESTABLISHMENT.			
1 & 2. Direction and Accounts ...	1,74,615	12,956	1,87,571
3. Executive			
Total ...	1,74,615	12,956	1,87,571
V.—TOOLS AND PLANT ...	3,321	836	4,157
VI.—REFUNDS OF REVENUE	1,042	...	1,042
Total ...	3,57,597	36,200	3,93,797
Share of Collection Charges in the Civil Department ...	15,137	1,266	16,403
Indirect Charges debitable to Revenue Account as per Account No. 5 ...	25,088	1,814	26,902
Total, Charges ...	3,97,822	39,280	4,37,102
Balance Net Revenue ...	—66,139	—13,417	—79,556
Grand Total ...	3,31,683	25,863	3,57,546

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 3856 dated 9th December 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	25,082	1,814	26,896
Total ...	25,088	1,814	26,902

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	1,320	2,896	4,216
				2. Main Canals and Branches ...	8,094	...	8,094
1. Water-rates from Irrigation ...	1,52,971	4,033	1,57,004	Total ...	9,414	2,896	12,310
3. Sales of water ...	4	...	4	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	10,493	15	12,244	1. Head Works ...	20,374	...	20,374
6. Other canal produce ...		1,736		2. Main Canals and Branches ...	76,076	2,333	78,411
				3. Distributaries ...	5,456	...	5,456
9. Rents of Buildings ...	196	1	197				
10. Fines ...	315	...	315	Total ...	1,01,908	2,333	1,04,241
11. Miscellaneous Receipts ...	25,383	1,710	27,593	III.—COMPENSATION ...	9	..	9
Total ...	1,89,862	7,495	1,97,357	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	82,111	1,790	83,901
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	82,111	1,790	83,901
				V.—TOOLS AND PLANT ...	1,854	212	2,066
Revenue on lands irrigated by percolation as per Government Resolution No. 1757, dated 16th October 1891.	46,938	2,017	48,955	VI.—REFUNDS OF REVENUE.	1,265	...	1,265
				Total ...	1,96,561	7,231	2,03,792
Increased Land Revenue as per Government Resolution No. 203, dated 30th March 1878...	6,426	146	6,572	Share of Collection Charges in the Civil Department...	12,827	403	13,230
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,920	251	12,171
Total ...	53,364	2,163	55,527	Total, Charges ...	2,21,308	7,885	2,29,193
Total, Receipts ...	2,43,226	9,658	2,52,884	Balance Net Revenue ...	21,918	1,773	23,691
Grand Total ...	2,43,226	9,658	2,52,884	Grand Total ...	2,43,226	9,658	2,52,884

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	102	.....	102
2. Leave and Pension Allowances	11,818	251	12,069
Total ...	11,920	251	12,171

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL. Previous.	1920-1921.	Total.	Charges.	TOTAL. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	9,591	67	9,658	2. Main Canals and Branches ...	31	...	31
3. Sales of water ...	20	...	20	3. Distributaries ...	80	...	80
				Total ...	111	...	111
5. Plantations ...	2,659	...	2,744	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		85					
11. Miscellaneous Receipts ...	7,043	130	7,173	1. Head Works ...	18,559	1,066	19,625
				3. Distributaries ...	3,663	356	4,019
				Total ...	22,222	1,422	23,644
Total ...	19,313	282	19,595	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	13,585	1,602	15,187
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	13,585	1,602	15,187
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	V.—TOOLS AND PLANT ...	1,773	53	1,826
				Total ...	37,691	3,077	40,768
				Share of Collection Charges in the Civil Department.	478	3	481
Total, Receipts ...	19,313	282	19,595	Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,029	224	2,253
				Total, Charges ...	40,198	3,304	42,502
				Balance Net Revenue ...	−20,885	−3,022	−23,907
Grand Total ...	19,313	282	19,595	Grand Total ...	19,313	282	19,595

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*Vide* Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 100.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1919-1920.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	2,029	224	2,253

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	97,699	4,722	1,02,421	1. Head Works ...	606	...	606
3. Sales of water ...	3	...	3	3. Distributaries ...	144	...	144
				Total ...	750	...	750
5. Plantations ...	10,505	...	1,0493	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		—12		1. Head Works ...	12,869	325	13,194
10. Fines	109	...	109	2. Main Canals and Branches ...	31,494	...	31,494
11. Miscellaneous Receipts	11,372	336	11,708	3. Distributaries ...	4,141	844	4,985
Total ...	1,19,688	5,046	1,24,734	Total ...	48,504	1,169	49,673
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	40,135	1,317	41,452
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	40,135	1,317	41,452
				V.—TOOLS AND PLANT ...	2,125	44	2,169
				VI.—REFUNDS OF REVENUE	16	...	16
Total, Receipts ...	1,19,688	5,046	1,24,734	Total ...	91,530	2,530	94,060
				Share of Collection Charges in the Civil Department	4,891	229	5,120
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,661	184	5,845
				Total Charges ...	1,02,082	2,943	1,05,025
				Balance Net Revenue ...	17,606	2,103	19,709
Grand Total ...	1,19,688	5,046	1,24,734	Grand Total ...	1,19,688	5,046	1,24,734

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893. Completion Report approved in Government Resolution No. 328, dated 23rd February 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*Vide* Government Resolution No. A.I.—12327, dated 18th December 1917. Rs. 324.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
Leave and Pension Allowances	5,661	184	5,845

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

BHÁDALVÁDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	643	449	1,092
1. Water-rates from Irrigation ...	1,20,344	2,787	1,23,131	3. Distributaries ...	158	...	158
				Total ...	801	449	1,250
3. Sales of water ...	18	...	18	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	4,911	255	13,197	1. Head Works ...	8,932	217	9,149
6. Other canal produce		8,031		2. Main Canals and Branches ...	360	...	360
				3. Distributaries ...	34,234	1,173	35,407
11. Miscellaneous Receipts ...	2,145	214	2,359	Total ..	43,526	1,390	44,916
Total ...	1,27,418	11,287	1,38,705	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts... ...	35,742	2,071	37,813
II.—INDIRECT RECEIPTS.				3. Executive			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	35,742	2,071	37,813
				V.—TOOLS AND PLANT ...	1,941	69	2,010
Total, Receipts ...	1,27,418	11,287	1,38,705	VI.—REFUNDS OF REVENUE	46	...	46
				Total ...	82,056	3,979	86,035
				Share of Collection Charges in the Civil Department	6,015	139	6,154
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,008	290	5,298
				Total, Charges ...	93,079	4,408	97,487
				Balance Net Revenue ...	34,339	6,879	41,218
Grand Total ...	1,27,418	11,287	1,38,705	Grand Total ...	1,27,418	11,287	1,38,705

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the kabi season 1916-17—*Vide* Government Resolution No. A.I.—12827, dated 18th December 1917—Re. 224.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	5,008	290	5,298

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	...	...	...	600	...
B. Land	4,052	...	4,052	13,200	...
C. Masonry Works	2,352	...	2,352	60,033	...
K. Buildings	...	...	...	1,000	...
L. Earth-work	45,742	...	45,742	2,72,099	...
P. Maintenance	710	22	732	712	...
Total, Head Works ...	52,856	22	52,878	3,47,644	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	...	...	...	200	...
B. Land	...	...	...	80	...
C. Masonry Works	...	...	...	4,500	...
K. Buildings	...	...	...	200	...
L. Earth-work	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	52,856	22	52,878	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	11,151	6	11,157	17,038	...
3 Executive				61,337	...
Total, II.—Establishment ...	11,151	6	11,157	78,375	...
III.—Tools and Plant	723	1	724	5,111	...
Grand Total ...	64,730	29	64,759	4,37,530	...
V.—*Less*—Receipts on Capital Account ...	1,524	280	1,804	...	...
Net Outlay ...	63,206	−251	62,955	4,37,530	...
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	18,502	−251	18,251	4,37,530	...
Do. 33.—Famine Relief ...	44,704	...	44,704		
Total ...	63,206	−251	62,955	4,37,530	...

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 5—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	2,463	...	2,463
2. Leave and Pension Allowances	1,562	1	1,563
Total ...	4,025	1	4,026

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	52,878	3,54,044	3,01,166	52,878	
Establishment ...	...	...	...	11,157	78,375	67,218	11,157	
Tools and Plant ...	...	...	...	724	5,111	4,387	724	
Total ...	...	...	...	64,759	4,37,530	3,72,771	64,759	
Less—Receipts on Capital Account ...	...	...	...	1,804	...	-1,804	1,804	
Net Total ...	...	...	...	62,955	4,37,530	3,74,575	62,955	Government of India's No. 449-I. of 22nd March 1905—*Vide* Government Resolution No. 1218 of 6th May 1905.
INDIRECT CHARGES.								
Capitalised abatement of Land Revenue ...	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	...	...	...	1,563	10,973	9,410	1,563	
Total ...	...	...	...	4,026	23,473	19,447	4,026	
Grand Total ...	...	...	...	66,981	4,61,003	3,94,022	66,981	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	11,478	...	11,478
1. Water-rates from Irrigation ...	39,117	807	39,924	2. Main Canals and Branches	345	...	345
				3. Distributaries ...	7	...	7
5. Plantations ...	2,599	...	2,654	Total ...	11,830	...	11,830
6. Other canal produce		55		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings	1	...	1	1. Head Works ...	8,913	329	9,242
				2. Main Canals and Branches ...	923	58	981
11. Miscellaneous Receipts	410	...	410	3. Distributaries ...	8,565	485	9,050
Total ...	42,127	862	42,989	Total ...	18,401	872	19,273
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts	18,820	459	19,279
				3. Executive			
Irrigation share of Land Revenue collected in the Civil Department.	*3,089	...	3,089	Total ...	18,820	459	19,279
				V.—TOOLS AND PLANT ...	755	35	790
				VI.—REFUNDS OF REVENUE ...	18	...	18
Total ...	3,089	...	3,089	Total ...	49,824	1,366	51,190
Total Receipts ...	45,216	862	46,078	Share of Collection Charges in the Civil Department	2,306	40	2,346
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,637	64	2,701
				Total Charges ...	54,767	1,470	56,237
				Balance Net Revenue ...	—9,551	—608	—10,159
Grand Total ...	45,216	862	46,078	Grand Total ...	45,216	862	46,078

* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,637	64	2,701

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

ASHTI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,00,118	30,194 / (a)450	3,30,762	1. Head Works ...	40,034	...	40,034
				2 Main Canals and Branches ...	5,194	35	5,229
				3. Distributaries ...	2,234	...	2,234
3. Sales of water ...	319	...	319	Total ...	47,462	35	47,497
5. Plantations ... / 6. Other canal produce	54,945	1,079 / 4,471	60,495	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	41,621	730	42,351
9. Rents of Buildings.	695	8	703	2. Main Canals and Branches ...	65,544	1,740	67,284
10. Fines	25	...	25	3. Distributaries ...	5,153	1,281	6,434
11. Miscellaneous Receipts	9,283	1,586	10,869	Total ...	1,12,318	3,751	1,16,069
Total ...	3,65,385	37,788	4,03,173	III.—COMPENSATION ...	15	...	15
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... / 3. Executive	85,928	1,993	87,921
II.—INDIRECT RECEIPTS				Total ...	85,928	1,993	87,921
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	V.—TOOLS AND PLANT ...	3,153	153	3,306
				VI.—REFUNDS OF REVENUE	1,029	...	1,029
Total Receipts ...	3,65,385	37,788	4,03,173	Total ...	2,49,905	5,932	2,55,837
				Share of Collection Charges in the Civil Department	15,613	1,510 / (a)450	17,573
				Indirect Charges debitable to Revenue Account as per Account No. 5	12,199	279	12,478
				Total, Charges ...	2,77,717	8,171	2,85,888
				Balance Net Revenue ...	87,668	29,617	1,17,285
Grand Total ...	3,65,385	37,788	4,03,173	Grand Total ...	3,65,385	37,788	4,03,173

(a) Amount adjusted by credit to water-rates and debit *per contra* on account of collection charges for the revenue realized by the Miraj State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1893. —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	107	...	107
2. Leave and Pension Allowances	12,092	279	12,371
Total ...	12,199	279	12,478

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

PA'THRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL. Previous.	1920-1921.	Total.	Charges.	TOTAL. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	63,769	7,877	71,646	1. Head Works ...	729	59	788
				2. Main Canals and Branches ...	463	...	463
3. Sales of water ...	2,925	3,066	5,991	Total ...	1,192	59	1,251
5. Plantations ...	88	...	88	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	6,304	869	7,173
6. Other canal produce	1,681	556	2,237	2. Main Canals and Branches ...	6,565	855	7,420
				3. Distributaries ...	1,311	246	1,557
9. Rents of Buildings	1	...	1	Total ...	14,180	1,970	16,150
11. Miscellaneous Receipts ...	530	107	637	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	7,300	1,068	8,368
				3. Executive ...			
Total ...	68,994	11,606	80,600	Total ...	7,300	1,068	8,368
				V.—TOOLS AND PLANT ...	955	82	1,037
				VI.—REFUNDS OF REVENUE	4	...	4
II.—INDIRECT RECEIPTS.				Suspense Account ..	—46	...	—46
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	23,585	3,179	26,764
				Share of Collection Charges in the Civil Department	3,311	547	3,858
Total, Receipts ...	68,994	11,606	80,600	Indirect Charges debitable to Revenue Account as per Account No. 5	1,022	150	1,172
				Total, Charges ...	27,918	3,876	31,794
				Balance Net Revenue ...	41,076	7,730	48,806
Grand Total ...	68,994	11,606	80,600	Grand Total ..	68,994	11,606	80,600

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16.
Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 1654, dated 6th July 1909.
Completion Report approved in Government Resolution No. 2465, dated 22nd November 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	1,022	150	1,172

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

REVA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL. Previous.	1920-1921.	Total.	Charges.	TOTAL. Previous.	1920-1921.	Total.
			Rs.		Rs.	Rs.	
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENT.			
1. Water-rates from Irrigation ...	1,95,502	2,915	1,98,417	1. Head Works ...	510	...	510
				2. Main Canals and Branches ...	1,117	726	1,843
				Total ...	1,627	726	2,353
3. Sales of water ...	11	...	11	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	6,340	...	7,019	1. Head Works ...	1,568	272	1,840
6. Other canal produce.		679		2. Main Canals and Branches ...	56,987	1,378	58,365
				3 Distributaries ...	270	...	270
9. Rents of Buildings.	896	...	896	Total ...	58,825	1,650	60,475
10. Fines ...	101	...	101				
11. Miscellaneous Receipts ...	4	6	10	IV.—ESTABLISHMENT. 1 & 2. Direction and Accounts ...	39,970	895	40,865
				3. Executive ...			
Total ...	2,02,854	3,600	2,06,454	Total ...	39,970	895	40,865
				V.—TOOLS AND PLANT ...	1,832	109	1,941
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	VI.—REFUNDS OF REVENUE	19	...	19
				Total ...	1,02,273	3,380	1,05,653
				Share of Collection Charges in the Civil Department	9,740	146	9,886
Total, Receipts ...	2,02,854	3,600	2,06,454				
				Indirect Charges debitable to Revenue Account as per Account No. 5	6,660	125	6,785
				Total, Charges ...	1,18,673	3,651	1,22,324
				Balance Net Revenue ...	84,181	—51	84,130
Grand Total ...	2,02,854	3,600	2,06,454	Grand Total ...	2,02,854	3,600	2,06,454

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	6,660	125	6,785

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

UPPER MAN RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,54,282	4,463	1,58,745	1. Head Works ...	21,816	800	22,616
3. Sales of water ...	6	...	6	2. Main Canals and Branches ...	...	1,043	1,043
5. Plantations ...	8,207	...	8,565	3. Distributaries ...	170	...	170
6. Other canal produce.		358		Total ...	21,986	1,843	23,829
9. Rents of Buildings...	1,002	...	1,002	II.—MAINTENANCE AND REPAIRS.			
10. Fines	3	...	3	1. Head Works ...	16,999	125	17,124
11. Miscellaneous Receipts ...	354	86	440	2 Main Canals and Branches ...	5,355	3,121	8,476
				3. Distributaries ...	72,269	855	73,124
Total ...	1,63,854	4,907	1,68,761	Total ...	94,623	4,101	98,724
				III.—COMPENSATION ...	1	...	1
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts... ... 3. Executive	56,132	2,199	58,331
				Total ...	56,132	2,199	58,331
Total, Receipts ...	1,63,854	4,907	1,68,761	V.—TOOLS AND PLANT ...	3,328	271	3,599
				VI.—REFUNDS OF REVENUE	167	...	167
				Total ...	1,76,237	8,414	1,84,651
				Share of Collection Charges in the Civil Department	7,705	227	7,932
				Indirect Charges debitable to Revenue Account as per Account No. 5...	8,396	308	8,704
				Total, Charges ...	1,92,338	8,949	2,01,287
				Balance Net Revenue ...	—28,484	—4,042	—32,526
Grand Total ...	1,63,854	4,907	1,68,761	Grand Total ...	1,63,854	4,907	1,68,761

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue.	24	.....	24
2. Leave and Pension Allowances	8,372	308	8,680
Total ...	8,396	308	8,704

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,48,197	19,353	4,62,550	1. Head Works ...	47,369	...	47,369
3. Sales of water ...	23	...	23	2. Main Canals and Branches	965	7,544	8,509
5. Plantations ...	} 26,742	{ ...	} 29,512	Total ...	48,334	7,544	55,878
6. Other canal produce		{ 2,770		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	934	...	934	1. Head Works ...	40,744	410	41,154
10. Fines	120	...	120	2. Main Canals and Branches	1,21,947	5,404	1,27,351
11. Miscellaneous Receipts	1,849	34	1,883	3. Distributaries ...	2,5923	981	26,904
Total ...	4,72,865	22,157	4,95,022	Total ...	1,88,614	6,795	1,95,409
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ... 3. Executive ...	} 1,09,553	5,501	1,15,054
				Total ...	1,09,553	5,501	1,15,054
Total, Receipts ...	4,72,865	22,157	4,95,022	V.—TOOLS AND PLANT ...	4,175	668	4,843
				VI.—REFUNDS OF REVENUE	71	...	71
				Total ...	3,50,747	20,508	3,71,255
				Share of Collection Charges in the Civil Department	22,155	969	23,124
				Indirect Charges debitable to Revenue Account as per Account No. 5	16,542	770	17,312
				Total, Charges ...	3,89,444	22,247	4,11,691
				Balance Net Revenue ...	83,421	—90	83,331
Grand Total ...	4,72,865	22,157	4,95,022	Grand Total ...	4,72,865	22,157	4,95,022

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08. Construction Estimate closed on 31st March 1896 —*vide* Government Resolution No. 666, dated 12th May 1896. Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

No. 5—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	16,542	770	17,312

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
43.—MINOR WORKS AND NAVIGATION.
CHIKHLI CANAL.
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	66,450	1,335	67,785	1. Head Works ...	968	...	968
3. Sales of water ...	1	...	1	2. Main Canals and Branches... ...	553	230	783
5. Plantations ...	5,694	...	5,704	Total ...	1,521	230	1,751
6. Other canal produce		10		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	50	...	50	1. Head Works ...	1,166	...	1,166
11. Miscellaneous Receipts	80	...	80	2. Main Canals and Branches... ...	32,442	979	33,421
Total ...	72,275	1,345	73,620	Total ...	33,608	979	34,587
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	1 & 2. Direction and Accounts ... 3. Executive ...	21,484	433	21,917
Total, Receipts ...	72,275	1,345	73,620	Total ...	21,484	433	21,917
				V.—TOOLS AND PLANT ...	490	54	544
				VI.—REFUNDS OF REVENUE	158	...	158
				Total ...	57,261	1,696	58,957
				Share of Collection Charges in the Civil Department	3,327	67	3,394
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,552	61	3,613
				Total, Charges ...	64,140	1,824	65,964
				Balance Net Revenue ...	8,135	-479	7,656
Grand Total ...	72,275	1,345	73,620	Grand Total ...	72,275	1,345	73,620

N.B.—Last Capital Account detailed in the Administrative Accounts for 1882-83. Construction Estimate closed on 31st March 1883—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	3,552	'61	3,613

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MAINI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,38,340	11,774	2,50,114	1. Head Works ...	16,811	...	16,811
5. Plantations ...	8,668	...	9,437	2. Main Canal and Branches ...	467	2,236	2,703
6. Other canal produce		769		3. Distributaries ...	123	...	123
9. Rents of Buildings	319	...	319	Total ...	17,401	2,236	19,637
10. Fines	54	...	54	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	258	...	258	1. Head Works ...	14,514	603	15,117
				2. Main Canals and Branches ...	2,151	1,799	3,950
				3. Distributaries ...	67,758	1,074	68,832
Total ...	2,47,639	12,543	2,60,182	Total ...	84,423	3,476	87,899
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	51,226	2,440	53,666
				3. Executive ...			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	51,226	2,440	53,666
				V.—TOOLS AND PLANT...	2,491	287	2,778
Total, Receipts ...	2,47,639	12,543	2,60,182	VI.—REFUNDS OF REVENUE	104	...	104
				Total ...	1,55,645	8,439	1,64,084
				Share of Collection Charges in the Civil Department	11,922	589	12,511
				Indirect Charges debitable to Revenue Account as per Account No. 5	7,833	342	8,175
				Total, Charges ...	1,75,400	9,370	1,84,770
				Balance Net Revenue ...	72,239	3,173	75,412
Grand Total ...	2,47,639	12,543	2,60,182	Grand Total ...	2,47,639	12,543	2,60,182

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	7,545	342	7,887
Total ...	7,533	342	8,175

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.

TANK PROJECT.

No. 8.—Revenue Account for, and to-end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	511	...	511
5. Plantations ...	} 16,199	...	} 16,466	Total ...	921	...	921
6. Other canal produce ...		267					
10. Fines ...	1	...	1	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	1,771	...	1,771	1. Head Works ...	5,084	...	5,084
				2. Main Canals and Branches ...	5,131	1,459	6,590
Total ...	20,156	267	20,423	Total ...	10,215	1,459	11,674
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	..	...	...	1 & 2. Direction and Accounts ... } 3. Executive ...	4,204	853	5,057
				Total ...	4,204	853	5,057
Total, Receipts ...	20,156	267	20,423	V.—TOOLS AND PLANT...	152	95	247
				Total ...	15,492	2,407	17,899
				Share of Collection Charges in the Civil Department ...	114	...	114
				Indirect Charges debitable to Revenue Account as per Account No. 5	586	119	705
				Total, Charges ...	16,192	2,526	18,718
				Balance Net Revenue ...	3,964	−2,259	1,705
Grand Total ...	20,156	267	20,423	Grand Total ...	20,156	267	20,423

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	586	119	705

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	8,959	...	8,959				
5. Plantation ...	84	...	84	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce							
				1. Head Works	8,338	...	8,338
Total ...	9,043	...	9,043	2. Main Canals and Branches ...	...	201	201
				Total ...	8,338	201	8,539
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	76,189	2,029	78,218	1 & 2. Direction and Accounts ...	1,953	117	2,070
				3. Executive			
Total, Receipts ...	76,189	2,029	78,218	Total ..	1,953	117	2,070
				V.—TOOLS AND PLANT ...	39	13	52
				VI.—REFUNDS OF REVENUE	2,021	...	2,021
				Total ...	12,351	331	12,682
Carried over ...	85,232	2,029	87,261	Carried over ...	12,351	331	12,682

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921,—contd.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	85,232	2,029	87,261	Brought forward ...	12,351	331	12,682
				Share of Collection Charges in the Civil Department .	8,518	203	8,721
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	273	16	289
				Total, Charges ...	21,142	550	21,692
				Balance Net Revenue ...	64,090	1,479	65,569
Grand Total ...	85,232	2,029	87,261	Grand Total ...	85,232	2,029	87,261

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1882 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	273	16	289

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	8,35,886	30,981	8,66,867	1. Head Works ...	7,413	181	7,594
3. Sales of water ...	7,323	778	8,101	2. Main Canals and Branches ...	1,134	...	1,134
5. Plantations ... } 6. Other canal produce. }	29,739	{ 3 2,651 }	32,393	Total ...	8,547	181	8,728
7. Water-power ...	3,94,907	14,313	4,09,220	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	902	18	920	1. Head Works ...	70,315	3,500	73,815
10. Fines	44	...	44	2. Main Canals and Branches ...	38,210	984	39,194
11. Miscellaneous Receipts	25,558	899	26,457	3. Distributaries ...	26,066	462	26,528
Total ...	12,94,349	49,643	13,43,992	4. Drainage and Protective Works ...	30	...	30
II.—INDIRECT RECEIPTS.				Total ...	1,34,621	4,946	1,39,567
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ... } 3. Executive ... ... }	1,13,089	3,112	1,16,201
Total, Receipts ...	12,94,349	49,643	13,43,992	Total ...	1,13,089	3,112	1,16,201
				V.—TOOLS AND PLANT...	9,937	334	10,271
				VI.—REFUNDS OF REVENUE... ...	3,421	15	3,436
				Total ...	2,69,615	8,588	2,78,203
				Share of Collection Charges in the Civil Department	46,689	1,547	48,236
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	15,832	436	16,268
				Total, Charges ...	3,32,136	10,571	3,42,707
				Balance Net Revenue...	9,62,213	39,072	10,01,285
Grand Total ...	12,94,349	49,643	13,43,992	Grand Total ...	12,94,349	49,643	13,43,992

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1203, dated 2nd October 1897. Completion Report approved in Government Resolution No. 327, dated 10th February 1900.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

49.—IRRIGATION WORKS.

43.—MINOR WORKS AND NAVIGATION.

GOKÁK CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1920-1921.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1919-1920.	5,77,435	Net Revenue realized to end of 1919-1920.	3,743
		Do. during 1920-1921 ...	...
Interest charges for the year 1920-1921 ...	13,332		3,743
		Balance net interest charges ...	5,87,024
Total ...	5,90,767	Total ...	5,90,767

Note.—Interest on outlay charged to 35—Protective Irrigation Works as per Government of India No. 4-A.I., dated 19th January 1891.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1919-1920.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	15,832	436	16,268

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

DAMBAL TANK

TANK PROJECT.

No. 8.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	634	...	634
1. Water-rates from Irrigation ...	19,944	970	20,914	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	13,946	...	14,116	1. Head Works ..	14,898	...	14,898
6. Other canal produce		170		2. Main Canals and Branches	1,325	824	2,149
11. Miscellaneous receipts	384	...	384	3. Distributaries ..	670	...	670
				Total ...	16,893	824	17,717
Total ...	34,274	1,140	35,414	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	16,316	482	16,798
II.—INDIRECT RECEIPTS.				3. Executive ...			
				Total ...	16,316	482	16,798
Irrigation share of Land Revenue collected in the Civil Department.	34,014	916	34,930	V.—TOOLS AND PLANT ...	87	54	141
				VI.—REFUNDS OF REVENUE ...	126	...	126
				Total ...	34,056	1,360	35,416
Total, Receipts ...	68,288	2,056	70,344	Share of Collection Charges in the Civil Department	4,580	140	4,720
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,416	67	2,483
				Total, Charges ...	41,052	1,567	42,619
				Balance Net Revenue...	27,236	489	27,725
Grand Total ...	68,288	2,056	70,344	Grand Total ...	68,288	2,056	70,344

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5. Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE			
1. Capitalized Abatement of Land Revenue	124	.....	124
2. Leave and Pension Allowances	2,292	67	2,359
Total ...	2,416	67	2,483

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MEDLERI TANK.
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	141	...	141
1. Water-rates from Irrigation ...	19,550	536	20,086	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	1,902	...	2,207	1. Head Works ...	13,862	...	13,862
6. Other canal produce		305		2. Main Canals and Branches ...	202	160	362
11. Miscellaneous Receipts ...	93	...	93	3. Distributaries ...	2,191	...	2,191
Total ...	21,545	841	22,386	Total ...	16,255	160	16,415
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	13,807	94	13,901
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...			
				Total ...	13,807	94	13,901
				V.—TOOLS AND PLANT ..	26	11	37
Total, Receipts ...	21,545	841	22,386	VI.—REFUNDS OF REVENUE.	299	...	299
				Total ...	30,528	265	30,793
				Share of Collection Charges in the Civil Department	977	27	1,004
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,932	13	1,945
				Total, Charges ...	33,437	305	33,742
				Balance Net Revenue ...	−11,892	536	−11,356
Grand Total ...	21,545	841	22,386	Grand Total ...	21,545	841	22,386

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86. Construction Estimate closed on 31st March 1888—*vide* Government Resolution No. 1411, dated 12th September 1889. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,932	13	1,945

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total. Previous.	1920-1921.	Total.	Charges.	Total. Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,01,117	1,535	1,02,652	2. Main Canals and Branches ...	1,537	...	1,537
5 Plantations ...	7,585	180	7,939	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		174		1. Head Works ...	2,687	...	2,687
11. Miscellaneous Receipts	328	...	328	2. Main Canals and Branches ...	49,073	1,185	50,258
Total ...	1,09,030	1,889	1,10,919	Total ...	51,760	1,185	52,945
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ... 3 Executive	36,813	693	37,506
				Total ...	36,813	693	37,506
Total, Receipts ...	1,09,030	1,889	1,10,919	V.—TOOLS AND PLANT ...	597	77	674
				Total ...	90,707	1,955	92,662
				Share of Collection Charges in the Civil Department	5,080	77	5,157
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,786	97	5,883
				Total, Charges ...	1,01,573	2,129	1,03,702
				Balance Net Revenue ...	7,457	—240	7,217
Grand Total ...	1,09,030	1,889	1,10,919	Grand Total ...	1,09,030	1,889	1,10,919

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	5,786	97	5,883

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	18,075	570	18,645	1. Head Works ...	219	...	219
5. Plantations... ...	2,622	...	2,694	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		72		1. Head Works ...	23,567	...	23,567
10. Fines	19	...	19	2. Main Canals and Branches ...	128	832	960
11. Miscellaneous Receipts	38	...	38	3. Distributaries ...	2,043	...	2,043
Total ..	20,754	642	21,396	Total ...	25,738	832	26,570
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	21,080	687	21,767	1 & 2. Direction and Accounts ... 3. Executive	21,946	486	22,432
				Total ...	21,946	486	22,432
Total ...	21,080	687	21,767	V.—TOOLS AND PLANT ...	523	54	577
Total, Receipts ...	41,834	1,329	43,163	Total ...	48,426	1,372	49,798
				Share of Collection Charges in the Civil Department	3,034	97	3,311
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,082	68	3,150
				Total, Charges ...	54,542	1,537	56,079
				Balance Net Revenue ...	−12,708	−208	−12,916
Grand Total ...	41,834	1,329	43,163	Grand Total ...	41,834	1,329	43,163

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	9	.....	9
2. Leave and Pension Allowances	3,073	68	3,141
Total ...	3,082	68	3,150

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1920-1921.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1920-1921.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
K. Buildings	2,286	...	2,286	2,286	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,775	...	1,775	1,775	...
B. Land	476	...	476	476	...
D. Regulators	18,580	...	18,580	18,607	...
F. River and Hill Torrent Works ...	18,511	...	18,511	18,523	...
G. Bridges	868	...	868	875	...
H. Escapes	7,510	...	7,510	7,514	...
K. Buildings	3,385	...	3,385	3,386	...
L. Earth-work	16,428	...	16,428	17,022	...
O. Miscellaneous	7,917	32	7,949	7,334	...
Total, Main Canals and Branches ...	75,450	32	75,482	75,512	...
Total, I.—Works ...	77,736	32	77,768	77,798	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	16,579	9	16,588	16,624	...
3. Executive					
Total, Establishment ...	16,579	9	16,588	16,624	...
III.—TOOLS AND PLANT ...	1,151	2	1,153	1,160	...
Grand Total ...	95,466	43	95,509	95,582	...
V.—*Less* Receipts on Capital Account ...	...	...	...	...	...
Net Outlay ...	95,466	43	95,509	95,582	...
APPORTIONMENT.					
Chargeable to 43—Minor Works and Navigation	95,466	43	95,509	95,582	...

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	15,516	3,243	18,759	I.—EXTENSIONS AND IMPROVEMENTS.			
6. Other canal produce.	23	17	40	2. Main Canals and Branches ...	787	...	787
11. Miscellaneous Receipts ...	712	...	712	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	7,717	...	7,717
Total ...	16,251	3,260	19,511	2. Main Canals and Branches ...	3,628	866	4,494
				4. Average expenditure before Improvements ...	—9,730	...	—9,730
II.—INDIRECT RECEIPTS.				Total ...	1,615	866	2,481
Irrigation share of Land Revenue collected in the Civil Department ...	1,17,804	24,130	1,41,934	IV.—ESTABLISHMENT.			
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	—1,62,092	—23,156	—1,85,248	1 & 2. Direction and Accounts ...	8,642	847	9,489
				3. Executive ...			
				Total ...	8,642	847	9,489
Total ...	—44,288	974	—43,314	V.—TOOLS AND PLANT...	194	147	341
				Total ...	11,238	1,860	15,098
Total Receipts ...	—28,037	4,234	—23,803	VI.—REFUNDS OF REVENUE ..	309	125	434
				Total ...	11,547	1,985	13,532
				Share of Collection Charges in the Civil Department ...	—3,617	260	—3,357
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,211	119	1,330
				Total Charges ..	9,141	2,364	11,505
				Balance Net Revenue ...	—37,178	1,870	—35,308
Grand Total ...	—28,037	4,234	—23,803	Grand Total ...	—28,037	4,234	—23,803

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	2,320	1	2,321
Total ...	2,322	1	2,323
REVENUE—			
2. Leave and Pension Allowances ...	1,211	119	1,330

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	77,768	77,798	30	77,768	Revised Estimate sanctioned in Government Resolution No. W. I. 4635 (P. W. D.), dated 4th May 1910.
Establishment ...	...	...	...	16,588	16,624	36	16,588	
Tools and Plant ...	...	...	...	1,153	1,160	7	1,153	
Total ...	...	...	...	95,509	95,582	73	95,509	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	...	...	...	95,509	95,582	73	95,509	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	2	425	423	2	
Leave and Pension Allowances ...	...	...	...	2,321	2,327	6	2,321	
Total ...	...	...	...	2,323	2,752	429	2,323	
Grand Total ...	...	...	...	97,832	98,334	502	97,832	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.
43.—MINOR WORKS AND NAVIGATION.

MAVINKOP TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipt.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	28	...	28	1. Head Works ...	1,440	...	1,440
6. Other canal produce.				3. Distributaries ...	158	...	158
11. Miscellaneous Receipts	169	...	169	Total ...	1,598	...	1,598
				II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	4,223	...	4,223
				2. Main Canals and Branches ...	123	1,403	1,526
Total ...	197	...	197	3. Distributaries ...	348	...	348
				Total ...	4,694	1,403	6,097
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department .	61,700	2,288	63,988	1 & 2. Direction and Accounts ... 3. Executive ...	4,898	820	5,718
				Total ...	4,898	820	5,718
Total ...	61,700	2,288	63,988	V.—TOOLS AND PLANT .	25	91	116
				Total ...	11,215	2,314	13,529
Total, Receipts ...	61,897	2,288	64,185	Share of Collection Charges in the Civil Department ...	6,179	229	6,408
				Indirect Charges debitable to Revenue Account as per Account No. 5	686	115	801
				Total, Charges ...	18,080	2,658	20,738
				Balance Net Revenue ...	43,817	-370	43,447
Grand Total ...	61,897	2,288	64,185	Grand Total ...	61,897	2,288	64,185

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1133, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1920-1921.

Particulars.	Previous.	1920-1921.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	686	115	801

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1920-1921.

43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1920-1921.

Receipts.	Total.			Charges.	Total.		
	Previous.	1920-1921.	Total.		Previous.	1920-1921.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	5,08,005	19,679	5,27,684	I.- EXTENSIONS AND IMPROVEMENTS ...	23,88,547	1,52,935	25,41,482
2. Sales of water ...	1,171	...	1,171				
4. Water-supply of towns ...	1	...	1				
5. Plantations ...		1,756					
6. Other canal produce	2,95,473	15,294	3,13,223	II.—MAINTENANCE AND REPAIRS ...	1,10,63,276	8,72,036	1,19,35,312
8. Navigation	42	45	87				
9. Rents of buildings.	34,435	29	34,464				
10. Fines	37,425	3,254	40,679				
11. Miscellaneous Receipts ...	4,39,614	15,866	4,55,480	IV.—ESTABLISHMENT.			
Receipts from 1874-75 to 1899-1900.	12,02,054	...	12,02,054	1 & 2. Direction and Accounts ...	26,63,242	(a) 1,90,246	28,53,488
Total ...	25,18,220	56,623	25,74,843	3. Executive			
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	4,66,05,789	20,47,404	4,86,53,193	Total ...	26,63,242	1,90,246	28,53,188
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.				V.—TOOLS AND PLANT ...	6,279	10,416	16,695
				VI.—REFUNDS OF REVENUE ..	417	26	443
				Suspense Accounts ...	25,137	-9,421	15,716
	8,81,607	51,296	9,32,903				
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677	Total ...	1,61,46,898	12,16,288	1,73,63,186
Total ...	9,46,26,078	20,98,700	9,67,24,778				
Total, Receipts ...	9,71,44,298	21,55,323	9,92,99,616	Share of Collection Charges in the Civil Department	28,49,464	1,24,324	29,73,788
Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	*	*	*
				Receipts from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
Rs.							
To end of 1919-1920 ... 39,44,105				Total Charges ...	4,12,82,039	13,40,562	4,26,22,601
Loss for 1920-1921 ... 1,55,724				Balance Net Revenue ...	5,58,62,254	8,14,761	5,66,77,015
Total ... 40,99,829							
Grand Total ...	9,71,44,293	21,55,323	9,92,99,616	Grand Total ...	9,71,44,293	21,55,323	9,92,99,616

(a) Includes Rs. 138 adjusted by journal entry, second batch, and Rs. —161 adjusted by journal entry, third batch.

* Not calculated in respect of works for which only Revenue Accounts are kept.

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 686-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A.-I.—1483, dated 12th July 1901.

BOMBAY: PRINTED AT THE GOVERNMENT CENTRAL PRESS.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1920-1921.

STATEMENT

Statement of Canals in the Bombay

Source of Supply of Water.	(1) Pravara Right Bank Canal.	(2) Girna Left Bank Canal.	(3) Godávari Canals.		(4) Nira Left Bank Canal.	(5) Nira Right Bank Canal.	(6) Hâthmati and Khâri Cut Canals combined.	
			Godávari Right Bank Canal.	Godávari Left Bank Canal.			Hâthmati Canal.	Khâri Cut Canal.
	Pravara River.	Girna River.	Godávari River.		River Nira and Reservoir at Bhâtgghar.	River Nira and new Reservoir at Bhatghar.	Hâthmati River.	Khâri River.
Minimum discharge per { C. ft. per second.	K. 19	K. 55·26	K. 110	K. 41	K. 1,318	K. ...	K. 26	K. 15
	R. 28	R. 50·48	R. 120	R. 128	R. 34	R. ...	R. 19	R. 15
	H. W. 18	H. W. { Supplied from Chank-perbank.	H. W. 122	H. W. 52	H. W. 5	H. W. ...	H. W. Nil.	H. W. Nil.
Maximum discharge of { „ canal.	K. 127	K. 55·62	K. 300	K. 178	456	K. ...	K. 373	K. 332
	R. 144	R. 48·96	R. 330	R. 238		R. ...	R. 71	R. 40
	H. W. 38	H. W. 59·40	H. W. 295	H. W. 131		H. W. ...	H. W. 113	H. W. 69
Average annual rainfall ... Inches.	21·22	19·27	19·38	20·56	20·57	(d) 145	{ K. 24·00 R. 0·96	{ K. 23·84 R. 1·03
Gross area commanded ... Acres.	(a)73,763	18,982	144,310	83,080	274,447	600,000	44,744	32,000
Cultivable do. ... „	(a)58,415	15,109	126,320	83,000	227,670	480,000	28,840	20,000
Area irrigable by complete project ... ... „	(a)19,383	8,500	49,331	30,109	113,230	113,230	11,336	16,000
Area irrigable at present ... „	19,383	5,100	49,331	30,109	113,230	.....	8,900	16,000
Sanctioned Estimate—								
Direct charges ... ... Rs.	1,11,20,711	19,69,449	95,46,093		57,34,655	2,49,71,868	4,94,705	5,79,678
Indirect charges ... ... „	5,49,881	67,634	4,90,702		3,59,780	8,00,631	30,000	30,651
Interest during construction . „	.....	.....	... ..		23,44,872	.....	2,37,687	.....
Total, Estimate ... Rs.	(b)1,16,70,592	(b)20,37,083	(b) 1,00,86,800		(c) 89,49,307	2,57,72,499	7,62,392	6,10,329
Expenditure to end of 1920-21. { Direct charges ... Rs.	1,01,88,370	19,27,877	96,67,046		62,28,209	1,93,67,468	4,90,925	7,50,053
Indirect charges „	3,17,999	63,556	4,93,624		3,70,108	4,55,971	26,913	{ 47,207 870
Interest during construction ... „	20,41,927	9,14,278	33,68,124		31,56,403	31,08,310	2,37,687	.....
Total Expenditure ... Rs.	1,25,48,296	29,05,711	1,35,28,794		97,49,720	2,29,31,749	7,55,525	7,98,135
Works as now sanctioned—								
Main Canals, Irrigation ... Miles.	(e)33	(f)18·61	(e) 69	(e) 48	100·25	110	21	31
Branch Canals do. ... „	.....	.....	(e) 5	.....	.....	.....	.....	8
Distributaries ... ... „	(e)13	(f)20·80	(e) 42·25	(e) 15·25	139·00	.....	25	27
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....
Works completed at end of 1920-1921—								
Main Canals, Irrigation ... Miles.	(e)33	(e)16·00	(e) 69	(e) 48	100·25	.....	21	31
Branch Canals do. ... „	.....	.....	(e) 5	.....	.....	.....	.....	8
Distributaries ... ... „	(e)13	(e)10·80	(e) 42·25	(e) 15·25	139·00	.....	53	29·5
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....

(a) The cultivable and irrigable areas commanded as given in the Pravara River Works project are 1,83,976 and 75,000 acres respectively these include the old areas (cultivable and irrigable) under Lakh Canal, viz., 25,536 and 22,760 acres respectively. The balance is distributed between the two Pravara canals in proportion to the gross command.

(b) These figures are for the whole Project.

(c) These figures do not include the amount for widening the Nira Left Bank Canal.

(d) Estimated rainfall in the catchment.

(e) As actually completed.

(f) Includes the Girna Left Bank Canal extension as irrigation has begun on the extension.

N. B.—As Irrigation has begun on the extended Pravara Left Bank Canal figure shown in the statement are for the new canal. The figures for the Old Pravara Left Bank Canal are not shown.

I-A.

Presidency, excluding Sind, for the year 1920-1921.

(11) Kádva River Works.			(12) Lákh Canal.	(15) Krishna Canal.	(23) Jámda Canals.	(25) Pravara Left Bank Canal.	(33) Revári Canal.	(36) Chikhli Canal.	(40) Gokák Canal, 1st Section, and Storage Works.	(46) Dharma Canal.
Pálkhed Canal.	Ojhar Támbat Canal.	Wadáli Canal.								
Kádva River.	Bánganga River.	Kádva River.	Pravara River.	River Krishna.	Girna River.	Pravara River.	River Wárna.	River Nándal.	River Ghataprabha and Storage works.	Dharma River.
K. 22·92	K. 2·94	K. 5·58	K. 4	K. 1,743·49	K. 35	K. 19	K. 2·00	K. 3·32	K. Flood.	K. 3·22
R. Supplied from Wagad tank.	R. Supplied from Wagad tank.	R. 5·58	R. 5	R. 18·00	R. 10	R. 44	R. 1·16	R. 0·75	R. 17·72	R. Nil.
H.W.	H.W.	H.W. 5·58	H. W. 2	H. W. 7·87	H. W. 50	H. W. 20	H.W. 1·50	H.W. 2·32	H. W. Nil	H.W. Nil.
					Left Bank. Right Bank.				Canal. Mills.	
K. 47·70	K. 16·41	K. 10·03	K. 17		K. 93 30	K. 289			K. 66 68	K. 392·97
R. 47·52	R. 14·73	R. 11·40	R. 11	119·07	R. 94 21	R. 166	5·44	24·57	R. 66 68	R. Nil.
H. W. 35·70	H. W. 12·65	H.W. 9·04	H W. 10		H.W. 78 28	H W. 160			H.W. 16·50 68	
26·04	19·94	20·12	23·40	25·63	25·01	21·94	26·69	22·20	20·33	78·51
					Left Bank. Right Bank.					
28,823	8,055	3,486	29,913	28,327	37,122 9,166	(a)1,25,044	3,818	1,871	15,668	13,562
26,280	7,421	2,729	25,536	26,453	33,124 7,061	(a)99,025	3,624	1,478	17,627	12,870
23,466	6,824	2,433	22,780	12,320	3,500 1,500	(a)32,557	1,920	1,478	17,627	12,870
9,837	2,967	2,433	11,280	12,320	3,500 1,500	32,557	1,920	1,478	17,627	12,870
2,38,087	14,541	29,771	3,75,189	8,29,067	10,27,238		56,324	53,903	13,13,115	95,582
15,761	838	1,540	20,277	48,216	61,402		3,124	3,612	76,902	2,752
2,12,554	2,411	32,150	3,66,293	7,88,613	.....		...	...	1,44,865	.....
4,66,402	17,785	63,461	7,60,764	16,60,896	10,88,640		59,448	57,415	15,40,882	98,334
2,71,376	7,186	28,291	3,52,446	8,22,077	9,91,178		56,771	53,803	13,01,750	95,509
17,216	647	3,364	19,445	51,432	49,911		3,040	3,629	80,172	2,323
3,17,565	5,044	45,031	3,55,414	7,88,061	.....		...	...	2,41,093	.....
6,06,157	12,877	76,676	7,27,305	17,27,570	10,41,089		59,811	57,442	16,23,015	97,832
11	8	8·62	23	35·25	39	(c)47·12	5·68	0·50	4·10	19·00
.....	.....	...	...	26·25	.....	(c)12	5·25	...	12·03	8·16
21·50	.....	...	11	...	75	(c)81·25	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....
11	4·50	8·62	23	35·25	39	(c)47·12	5·00	6·50	4·10	19·00
.....	.....	...	...	26·62	.....	(c)12	5·25	...	12·03	8·16
14·35	.....	...	9·37	...	75	(c)81·25	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....

The figures for the whole project will be found in column 2 of this statement under Pravara Left Bank Canal.

STATEMENT

Statement of Reservoir Projects in the

	(2)	(3)	(4)	(4)A	(5)	(10)	(11)	(12)	(13)A	(14)	(16)	(17)		(18)	(19)	(20)
	Chanda-pur Tank. Girna Left Bank Canal.	Dárna Reser-voir Goda-vari Canals.	Bhat-ghar Reser-voir. Kirn Canal.	Shelpal Tank.	Mhasvad Tank.	Lower Yénjha River Works and Mukti Tank.	Mídva River Works (Walchad Tank).	Mutha Reservoir. Lake Fife.	Máte ba Tank.	Ekrúk Tank.	Wan-gruli Tank.	Tranes Tank.	Nagrman-na Tank.	Sévli Tank.	Sahiat Tank.	Futeha Tank.
Source of Supply.	Girna River.	Dárna River.	Yelvandi River, Ghát Catch-ment.	Kira Canal.	Mán River.	Local Streams	Kolvan River, Ghát Catch-ment.	Mutha River, Ghát Catch-ment.	Small Nala and Mutha Right Bank Canal.	Adhela River.	Khárwa Nála.	Máter Drainage Channel.		Nála.	Sahiat Nála.	Futeha Nala.
If supplied by rain-fall. { Area of catchment ... Sq. miles.	100	156	128	3·32	630	34·22	29	196	10	159	15	Nil. †	1·54	11	12·5	7
Average annual rainfall ... Inches.	25·43	38·23	* 145	19·24	9·96	20·34	47·97	* 133	16·23	23·65	23·40	27·27	27·27	23·0	27·23	27·03
Contents of tanks between levels of surface of full supply and sill of canal head sluice. { Millions of cubic feet.	1,546	6,818·30	5,213	572	2,031	304	605	(i) 3,427	(k)230	3,810	212·00	79·97	97·14	172·27 / 210·00	130	50
Area of surface at full supply. { Acres and decimals.	1,043·39	3,581·02	4,775	883	4,013·80	509	778	3,753	417·46	4,551	596·87	196·01	275·00	557·01	652·01	195·5
Gross area commanded . Acres.	(a)...	(a)...		(f)26,000	129,045	18,117	(h)...	94,087	10,700	17,163	5,000	1,000	500	4,700	4,000	2,500
Culturable do. " "	(a)...	(a)...		(f)26,000	106,214	12,627	(h)...	(f)63,800	7,133	16,941	5,000	838	402	4,700	4,000	1,200
Area irrigable by complete project. "	(a)...	(a)...	No irrigation direct from reservoirs.	4,200	24,800	12,627	(h)...	16,800	2,250	16,941	3,600	500	300	3,000	2,000 to 2,500	840
Do. at present, "	(a)...	(a ...		4,200	24,800	12,627	(h)...	16,800	2,250	16,941	3,600	500	300	3,000	2,000	900
Wells supplied by tanks. No.	...	...		...	12	...	...	...	...	...	...	...	...	...	...	...
Sanctioned Estimate—																
Direct Charges ... Rs.	(a)...	(a)...	(a)...	7,04,443	20,35,337	4,44,498	4,67,662	64,62,810	1,52,000	12,12,253	2,01,575	2,01,045		2,25,702	1,54,183	1,02,110
Indirect Charges ... "	(a)...	(a)...	(a)...	46,435	1,60,067	32,774	16,535	2,56,742	17,500	1,06,057	40,000	52,036		23,519	32,640	8,000
Interest during construction ... "	(a)...	(a)...	(a)...	82,157	6,60,222	2,37,421	2,17,238	56,54,370	...	2,00,000	...	.....		...	...	...
Total Estimate ... Rs.	(a)...	(a)...	(a)...	8,06,034	27,54,460	7,04,631	7,01,730	1,23,73,782	2,10,500	21,38,550	2,48,544	3,12,734		2,49,329	1,90,762	1,10,785
Expenditure to end of 1929-31. { Direct Charges. Rs.	(a)...	(a)...	(a)...	(a)...	20,05,553	4,45,332	5,64,533	62,44,630	Included in the Mutha Canal.	12,13,117	2,40,227	2,33,033		2,34,179	1,58,453	1,07,350
Indirect Charges, "	(a)...	(a)...	(a)...	(a)...	90,463	33,239	45,233	2,95,313		1,12,900	50,703	42,903		21,051	25,977	9,105
Interest during construction ... "	(a)...	(a)...	(a)...	(a)...	16,45,492	4,18,539	4,45,941	55,50,549		10,27,609	...	.....		...	...	...
Total Expenditure ... Rs.	(a)...	(a)...	(a)...	(a)...	37,41,508	9,97,660	11,55,703	1,21,90,502	...	23,53,626	2,90,930	2,80,036		2,55,210	1,84,029	1,16,451
Works as now sanctioned—																
Dam (earth or masonry) ...	Masonry	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.
Total height ... Feet.	92	92	137(c) / 109(c)	66	79·79	65	96	97·84	48·41	76	27·18	15·84	17·12	37·5	22·14	34·66
Canals ...miles.	(b)...	(c)...	(a)...	6·64	(c) 66·25	...	(h)...	88	...	48	13·79	5·25	2·25	8·25	9·25	4·42
Distributaries ... "	(b)...	(c)...	(a)...	...	43·25	45	(h)...	70	17	1·63	...	...	...	1·22	0·25	...
Works completed at end of 1929-31—																
Dam (height completed) ... Feet.	92	92	137(c) / 109(c)	66	79·79	65	96	97·84	48·41	76	27·18	15·84	17·12	37·5	22·14	34·66
Canals ...miles.	(b)...	(c)...	(a)...	6·64	(c) 66·25	...	(h)...	88	...	48	13·79	5·25	2·25	8·25	9·25	3·99
Distributaries ... "	(b)...	(c)...	(a)...	...	43·25	45	(h)...	67	17	1·63	...	...	...	1·22	1·79	...

* Estimated rainfall in the catchment.
† The catchment area of the drainage channel is 13 square miles in addition.
‡ As provisional F. S. L. R. L. 163·00.
§ As original F. S. L. R. L. 159·00.
(a) Figures given in Statement I-A.
(b) The tank supplies the Girna Left Bank Canal and bandharas there below.
(c) Figures are given in Statement I-A. under Godvari Canals.
(d) Above lowest foundations.
(e) Above lowest point in river bed.
(f) This area is also commanded by Kirn Left Bank Canal.
(g) Includes 304 miles of French Canal.
(h) The tank supplies the Pálkhad, Ojhar Támbat, and Waddli Canals and their distributaries as noted in Statement I-A.
(i) Storage available after deducting 509 m. cft. which cannot be used on account of the Poona water-supply.
(j) Includes 7,182 acres commanded by Matoba Tank.
(k) After deducting silt deposits.

II.A.

Bombay Presidency, excluding Sind, for 1920-1921.

(21)	(22)	(34)	(36)	(37)	(38)	(39)	(30)	(31)	(32)	(34)	(35)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
Hartlia Tank.	Mhaven Tank.	Parsul Tank.	Bhitodi Tank.	Kasurdi Tank.	Shirvpal Tank.	Bhaddlwadi Tank.	Koregaon Tank.	Ashti Tank.	Pathri Tank.	Upper Man River Works (Pingli Tank).	Yerla River Irrigation Works (Nehr Tank).	Maini Tank.	Mochkundi Tank.	Gadkeri Tank.	Gokak Canal, 1st Section, and Storage Works.	Dambal Tank.	Madlori Tank.	Madag Tank.	Asundi Tank.	Mavinkurve Tank.
Local Streams.	Local Streams.	Parsul River.	Mehekri River.	Kasurdi Nala.	Deccan Trib. tary of the Bhima River.	Deccan Tributary of the Bhima River.	Nala.	Ashti Nala.	Koral River.	Man River.	Yerla River.	Wagna Nala	Mochkundi Nala.	Nala.	Ghataprabha River, Ghat Catchment.	Nala.	Madlori Nala.	Kumadwati River.	Nala.	Nala.
9·80	12·40	17·33	44	6	33	32	7	92	27·5	29·00	59·55	51·76	23·00	4·63	1,650	43	11	540	23	6·25
29·04	27·03	17·33	26·70	17·45	16·76	·19·39	27·25	24·63	23·03	19·16	24·78	21·07	17·18	29·38	(a)	16·33	19·27	25·63	18·66	45·63
134	172	118·70	154 (75-62) at present after deducting silt.	(b) 9·14	(b) 306·04	(b) 190·77	84·35	1,419	407	193	459	133	624	27·50	907·133	113·65	57·60	514·03	74·00	45·75
472	621	151	315	379	833·79	335·18	202	2,330	631	349·04	676·09	227·76	1,059	129	2,731·36	442·00	169·00	382·00	418·09	170·5
584	4,647	3,337	15,120	687	4,500	3,000	3,394	17,532	6,000	9,442	11,334	4,876	5,670	687	(a)	3,000	1,916	2,351	1,990	872
537	4,075	3,197	13,857	473	2,500	2,400	2,394	16,523	4,896	7,433	10,060	4,025	5,417	957	(a)	2,500	839	1,345	1,211	725
415	1,700	1,000	12,124	150	1,800	2,000	1,050	11,750	2,500	2,080	6,000	4,025	3,417	450	(a)	2,500	1,052	2,186	1,011	725
415	1,700	1,000	12,124	150	2,500	2,000	1,050	11,750	2,500	2,080	5,400	4,025	760	417	(a)	1,000	900	1,345	1,011	617
...	...	...	...	...	...	...	...	...	...	29	28	13	Nil.	Not known.	41	Uncertain.	Nil.	Nil.	Nil.	Nil.
46,800	1,29,813	2,15,866	2,61,267	40,612	2,00,460	2,14,325	40,731	7,64,255	3,43,141	4,10,841	5,86,754	3,68,000	1,46,200	16,990	(a)	61,162	78,327	2,22,263	67,731	30,379
26,150	10,203	8,249	25,511	4,778	12,522	14,243	1,318	80,677	29,715	23,190	43,560	23,492	20,220	541	(a)	3,744	3,468	17,144	12,764	4,045
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a)	...	...	...	...	...
73,560	1,40,016	2,23,612	2,79,278	45,390	2,12,982	2,28,724	42,049	8,34,927	3,72,856	4,34,031	7,45,314	3,90,492	1,66,420	17,531	(a)	64,906	81,795	2,40,407	80,495	34,424
47,968	1,36,721	2,08,007	2,53,685	40,612	2,12,109	2,13,115	37,923	7,67,950	3,37,235	4,15,835	7,19,553	4,62,125	1,40,217	16,363	(a)	60,847	78,354	1,91,238	69,741	35,195
25,434	10,175	6,988	27,022	4,778	12,369	14,307	1,266	79,641	15,921	23,451	45,328	25,625	18,480	555	(a)	3,133	3,036	6,950	14,254	3,319
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a)	...	...	...	...	...
73,382	1,36,896	2,14,995	2,79,707	45,390	2,24,568	2,27,422	39,189	8,56,091	3,53,246	4,39,286	7,64,879	4,87,750	1,58,697	16,918	(a)	63,980	81,390	1,97,598	74,995	35,504
Earth.	Earth.	Earth.	Masonry	Earth.	Earth.	Earth.	2 dams, 1 earth & 1 masonry.	Earth.	Earth.	Earth	Earth.	Earth.	Masonry	Earth.	Masonry.	Earth.	Earth	Earth.	Earth.	Earth
61·50	44	62·27	50	33·45	54·22	55·09	71 & 18	57·75	63·75	53·50	74	57·33	60·00	20·00	27 ft. (maximum above foundation).	42·25	41	100	33·95	30·63
...	...	...	4·50	...	...	...	3·75	27·50	4·63	17·50	33·33	9·25	5·5	...	16·13	...	...	9	...	...
4·50	7	4·75	5·50	1·75	13·50	9·75	...	6·15	3·33	6·50	4	7·58	2·25	1·50	38·43	3·27	5·54	...	4·36	2·79
61·50	44	62·27	50	33·45	54·22	55·09	71 & 18	57·75	63·75	53·50	74	57·33	60·00	20·00	27·00	42·25	41	100	18	30·63
...	...	...	4·50	...	...	...	3·75	27·50	4·63	17·50	33·33	9·25	5·5	...	4·10 Main Canal 13·02. Wadapalli Branch.	...	...	9	...	...
4·50	7	4·75	5·50	1·75	13·50	9·75	...	6·15	3·33	6·50	4	7·33	2·2	1·50	38·43	3·27	5·54	...	4·36	2·79

STATEMENT

Capital Account of Irrigation Works in Deccan

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
35.—Protective Irrigation Works.									
In Operation.									
1. Pravara River Canal	8,53,584	2,55,040	31,814 (a) – 1	11,40,427	2,755	11,37,682	...	35,706	35,706
2. Chankápur Tank	28,727	8,595	1,072	38,404	...	38,404	...	1,203	1,203
3. Godávari Canals	36,977	11,000	1,380	49,417	...	49,417	...	1,548	1,548
4. Nira Canal and Shetphal Tank ...	22,629	6,768	1,838	31,235	...	31,235	...	948	948
5. Mhasvad Tank	...	...	...	...	...	...	...	...	...
Total ...	9,41,927	2,81,463	35,104 (a)—1	12,59,493	2,755	12,56,738	...	39,405	39,405
Under Construction.									
6. Maldevi Tank	...	...	...	...	...	...	...	...	...
7. Budhihal Tank	298	80	11	393	433	–35	...	12	12
8. Nira Right Bank Canal	18,01,216	5,34,982	66,719 (a) 1,00,833	25,03,599	1,268	25,02,331	3	74,897	74,900
Total ...	18,01,513	5,35,071	66,730 (a) 1,00,833	25,03,997	1,701	25,02,296	3	74,909	74,912
Total, Protective Works ...	27,43,540	8,16,534	1,02,834 (a)1,00,833	37,63,490	4,456	37,59,034	3	1,14,314	1,14,317
49.—IRRIGATION WORKS.									
Productive Works.									
9. Hathmati and Khári Cut Canals ...	...	...	...	...	...	...	...	...	...
10. Lower Panjhra River Works	...	...	...	...	...	...	...	...	...
11. Kádra River Works	...	...	...	...	...	...	...	...	...
12. Pravara River Works—Lákh Canal ...	...	...	...	...	...	...	...	...	...
13. Mutha Canal and Mátoba Tank ...	4,250	1,229	158	5,637	...	5,637	...	172	172
14. Ekruk Tank	...	...	...	...	...	...	...	...	...
15. Krishna Canal	...	...	...	...	...	...	...	...	...
Total, Productive Works ...	4,250	1,229	158	5,637	...	5,637	...	172	172
Total, Major Works ...	27,47,790	8,17,763	1,02,992 (a) 1,00,833	37,69,127	4,456	37,64,671	3	1,14,486	1,14,489
Carried over ...	27,47,790	8,17,763	1,02,992 (a)1,00,833	37,69,127	4,456	37,64,671	3	1,14,486	1,14,489

(a) Suspense Account.

I-B.

and Gujarát for and to end of 1920-1921.

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.	Grand Total.
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
11,73,388	81,21,165	18,36,442	2,40,638	1,01,98,445	13,075	1,01,86,370	60,897	2,57,102	3,17,999	1,05,04,369
39,607	15,44,063	3,25,359	60,087	19,30,009	2,132	19,27,877	17,297	46,259	63,556	19,91,433
50,965	81,27,605	13,15,956	2,25,511	96,69,072	2,026	96,67,046	3,09,393	1,84,231	4,93,624	1,01,60,670
32,183	48,96,560	11,99,715	1,35,316	62,31,591	8,382	62,23,209	1,84,874	1,85,234	3,70,108	65,93,317
...	15,92,308	3,45,781	62,937	20,07,026	1,473	20,05,553	35,924	53,539	90,463	20,96,016
12,96,143	2,42,87,701	59,23,753	7,24,689	3,00,86,143	23,088	3,00,10,055	5,09,385	7,26,365	12,35,750	3,12,45,805
...	2,42,869	60,546	1,473	3,04,888	2,848	3,02,040	375	9,013	9,388	3,11,928
−28	3,99,446	89,832	5,064	4,94,342	2,676	4,91,666	5,741	12,576	18,317	5,09,983
25,77,231	1,52,22,027	28,25,451	7,42,842 (a)4,92,629	1,92,83,049	15,581	1,92,67,468	60,404	3,95,567	4,55,971	1,97,23,439
25,77,203	1,58,64,412	29,75,369	7,42,879 (a)4,92,629	2,00,82,279	21,105	2,00,61,174	67,020	4,17,156	4,84,176	2,05,45,350
38,73,351	4,01,52,113	79,99,612	14,74,063 (a)4,92,629	5,01,15,422	47,193	5,00,71,229	6,76,405	11,43,521	18,19,926	5,18,91,155
...	10,05,076	2,24,187	13,180	12,42,452	1,469	12,40,983	36,598	38,392	74,990	13,15,973
...	3,67,303	74,888	3,228	4,45,419	87	4,45,332	8,294	14,545	22,839	4,68,171
...	7,60,525	1,68,801	22,555	9,71,881	140	9,71,741	31,133	31,317	62,450	10,34,191
...	2,64,529	68,641	19,477	3,52,647	201	3,52,446	5,824	13,621	19,445	3,71,891
5,809	50,96,724	10,42,934	1,18,446 (a) −1,136	62,56,968	12,828	62,44,940	93,523	2,01,785	2,95,313	65,29,953
...	10,07,089	2,12,509	9,713	12,29,311	1,194	12,28,117	69,943	42,321	1,12,269	13,40,386
...	7,35,136	1,55,278	2,568	8,92,977	...	8,92,977	21,622	29,860	51,482	9,44,459
5,809	92,86,382	19,67,233	1,89,176 (a)—1,136	1,13,91,655	15,369	1,13,76,286	2,67,547	3,71,541	6,39,138	1,20,15,474
38,79,160	4,93,88,495	99,66,845	16,63,244 (a)4,91,493	6,15,10,077	62,562	6,14,47,515	9,43,952	15,15,162	24,59,114	6,39,06,629
38,79,160	4,93,88,495	99,66,845	16,63,244 (a)4,91,493	6,15,10,077	62,562	6,14,47,515	9,43,952	15,15,162	24,59,114	6,39,06,629

STATEMENT

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalisation.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	27,47,790	8,17,763	1,03,992 (a)1,03,582	37,69,127	4,456	37,64,671	3	1,14,486	1,14,489
43.—MINOR WORKS AND NAVIGATION.									
In Operation.									
16. Wangroli Tank	...	...	...	...	...	...	...	...	...
17. Trans-Nagrama Tank	...	...	...	...	...	...	...	...	...
18. Savli Tank	...	...	...	...	...	...	...	...	...
19. Sahiat do.	...	...	...	...	...	...	...	...	...
20. Futelao do.	...	...	...	...	...	...	...	...	...
21. Hartala do.	...	...	...	...	...	...	...	...	...
22. Mhasva do.	...	...	...	...	...	...	...	...	...
23. Jánda Canals	...	...	...	...	...	...	...	...	...
24. Parsul Tank	...	...	...	...	...	...	...	...	...
25. Pravara Left Bank Canal ...	...	...	...	...	...	...	...	...	...
26. Bhátodi Tank	...	...	...	...	...	...	...	...	...
27. Kjurdi do.	...	...	...	...	...	...	...	...	...
28. Shirsuphal do.	...	...	...	...	...	...	...	...	...
29. Bhádalwadi do.	...	...	...	...	...	...	...	...	...
30. Koregaum do.	...	...	...	...	...	...	...	...	...
31. Ashti do.	...	...	...	...	...	...	...	...	...
32. Pálhri do.	...	...	...	...	...	...	...	...	...
33. Ryvári Canal	...	...	...	...	...	...	...	...	...
34. Upper Mán River Works ...	...	...	...	...	...	...	...	...	...
35. Yeria River Irrigation Works ...	...	...	...	...	...	...	...	...	...
36. Chikhli Canal	...	...	...	...	...	...	...	...	...
37. Maini Tank	...	...	...	...	...	...	...	...	...
38. Muchkundi do.	...	...	...	...	...	...	...	...	...
39. Gadkeri do.	...	...	...	...	...	...	...	...	...
40. Gokák Canal, 1st Section and Storage Works	...	...	...	...	...	...	...	...	...
41. Dámbal Tank	...	...	...	...	...	...	...	...	...
42. Medleri do.	...	...	...	...	...	...	...	...	...
43. Madag do.	...	...	...	...	...	...	...	...	...
44. Asundi do.	...	...	...	...	...	...	...	...	...
45. Málvikop do.	...	...	...	...	...	...	...	...	...
46. Dharma Canal	32	9	2	43	...	43	...	1	1
Total ...	32	9	2	43	...	43	...	1	1
Under Construction.									
47. Victoria Tank	22	6	1	29	280	−251	...	1	1
48. Suki River	...	...	...	...	...	...	...	...	...
Total ...	22	6	1	29	280	−251	...	1	1
In Abeyance.									
49. Gokák Canal, 2nd Section	...	...	...	...	...	...	...	...	...
Total, Minor Works ...	54	15	3	72	280	−208	...	2	2
GRAND TOTAL ...	27,47,844	8,17,778	1,03,995 (a)1,03,585	37,69,199	4,736	37,64,463	3	1,14,488	1,14,491

I-B—*concluded.*

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
38,79,160	4,93,88,495	99,66,845	16,63,244 (a) 4,91,403	6,15,10,077	62,562	6,14,47,515	9,48,962	15,15,162	24,59,114	6,39,06,629
...	2,11,223	27,921	1,836	2,40,970	743	2,40,227	46,793	3,910	50,703	2,90,930
...	2,22,942	14,168	924	2,38,034	2	2,38,032	40,620	1,983	42,603	2,80,635
...	2,02,183	30,269	1,974	2,34,426	247	2,34,179	16,793	4,238	21,031	2,55,210
...	1,31,805	22,190	1,445	1,55,462	...	1,55,462	22,470	3,107	25,577	1,81,039
...	86,822	17,525	1,209	1,05,556	...	1,05,556	6,680	2,425	9,105	1,14,661
...	33,487	11,936	2,579	47,952	4	47,948	23,052	2,382	25,434	73,382
...	1,01,259	22,392	1,129	1,24,787	6	1,24,781	5,026	5,149	10,175	1,34,956
...	7,85,229	1,51,841	13,123	9,91,193	21	9,91,178	15,015	37,896	52,911	10,41,089
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,016	6,988	2,14,995
...	2,34,163	35,770	4,528	3,24,461	144	3,24,317	6,943	16,290	23,233	3,47,550
...	2,73,833	70,186	9,354	3,53,375	630	3,52,685	13,023	13,999	27,022	3,79,707
...	31,433	5,535	884	40,512	...	40,512	3,679	1,099	4,778	45,290
...	1,71,148	38,190	2,861	2,12,199	...	2,12,199	5,137	7,232	12,369	2,24,568
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,067	10,240	14,307	2,27,422
...	30,044	7,681	218	37,923	...	37,923	...	1,266	1,266	39,189
...	6,03,236	1,45,084	8,123	7,56,443	6,392	7,57,030	52,311	26,780	79,041	8,36,051
...	5,21,783	1,00,435	7,403	6,29,621	1,796	6,27,825	960	14,061	15,021	6,42,846
...	47,057	9,693	21	56,771	...	56,771	1,269	1,781	3,050	59,811
...	3,14,286	85,008	6,782	4,16,076	241	4,15,835	5,880	11,671	23,451	4,39,286
...	5,89,558	1,24,138	8,062	7,21,807	2,385	7,19,542	23,684	25,844	45,528	7,65,070
...	39,984	15,611	208	55,803	...	55,803	917	2,722	3,639	57,442
...	3,43,053	1,16,100	3,512	4,62,665	540	4,62,125	3,875	21,650	25,525	4,87,650
...	1,11,830	26,360	2,294	1,40,484	267	1,40,217	14,336	4,104	18,490	1,58,707
...	13,105	3,113	140	16,363	...	16,363	13	542	555	16,918
...	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	52,279	26,893	80,172	13,81,922
...	49,262	10,769	878	60,909	62	60,847	1,034	2,099	3,133	63,980
...	61,881	15,324	1,156	78,356	6	78,350	253	2,795	3,038	81,388
...	1,26,596	31,841	2,825	1,61,262	14	1,61,248	...	6,350	6,350	1,67,598
...	48,505	10,281	1,056	60,741	...	60,741	12,536	1,718	14,254	74,995
...	23,733	6,232	353	30,323	188	30,135	2,191	1,218	3,319	33,504
44	77,768	16,688	1,153	95,609	...	95,609	2	2,321	2,323	97,932
44	69,19,138	15,55,918	1,12,709	85,86,865	13,489	85,73,376	3,78,150	2,73,031	6,51,181	92,24,557
-250	62,878	11,167	724	64,759	1,804	62,955	2,463	1,563	4,026	66,981
...	12,212	2,749	178	15,139	...	15,139	...	385	385	15,524
-250	65,090	13,906	902	79,898	1,804	78,094	2,463	1,948	4,411	82,505
...	92,090	79,024	14,246	1,76,306	...	1,76,306	740	18,238	18,978	1,90,284
-206	70,75,264	16,36,948	1,27,857	88,43,069	15,293	88,27,776	3,81,353	2,93,217	6,69,570	94,97,346
38,78,954	5,63,65,759	1,16,05,793	17,91,101 (a) 4,91,403	7,03,53,146	77,855	7,02,75,291	13,25,905	18,03,379	31,28,284	7,34,03,575

(a) Suspense Account.

S. A. VANESHWAR,
Assistant Accountant General.

Statement showing the Financial Results of Irrigation Works in

(Receipts under main heads of

Name of Work.	Revenue (Actual Receipts).									
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue less refunds.
	Water-rate directly paid.	Share of Land Revenue.	Total.							
1	2	3	4	5	6	7	8	9	10	11
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.
35.—*Protective Irrigation Works.*										
1. Pravara River Canal ...	13,582	...	13,582	...	634	...	498	14,764	...	14,764
2. Chanda-pur Tank ...	19,224	...	19,224	...	51	...	357	19,632	...	19,632
3. Godávari Canals ...	3,72,657	...	3,72,657	11	297	...	13,361	3,86,326	4,763	3,81,563
4. Nira Canal and Shetphal Tank ...	9,50,716	...	9,50,716	...	663	...	5,011	9,56,390	6,783	9,49,607
Mhaswad Tank ...	40,496	...	40,496	....	2,152	...	6,841	49,489	75	49,414
Total ...	13,96,675	...	13,96,675	11	3,347	...	26,068	14,26,601	11,621	14,14,980
49.—IRRIGATION WORKS.										
Productive Works.										
9. Hathmati and Khari Cut Canals ...	35,199	...	35,199	...	80	...	6,635	41,914	11	41,903
10. Lower Panjhra River Works	9,470	6,521	15,991	...	3	...	1,896	17,890	...	17,890
11. Kádva River Works ...	42,056	594	42,650	...	...	...	3,502	46,152	83	46,159
12. Pravara River Works—Lakh Canal ...	778	225	1,003	...	59	...	167	1,229	...	1,229
13. Mutha Canals and Matoba Tank ...	3,18,741	52	3,18,793	533	718	...	64,050	3,84,094	30,998	3,53,096
14. Nirak Tank ...	30,534	...	30,534	...	804	...	1,04,132	1,35,470	...	1,35,470
15. Krishna Canal ...	34,961	...	34,961	...	...	...	598	35,559	...	35,559
Total ...	4,71,789	7,392	4,79,131	533	1,614	...	1,80,620	6,61,896	31,092	6,30,806
Total, Major Works ...	18,68,464	7,392	18,75,806	544	5,461	...	2,06,688	20,88,499	42,713	20,45,786
48.—MINOR WORKS AND NAVIGATION.										
16. Wangroli Tank ...	5,831	8,048	13,879	...	...	...	658	14,537	...	14,537
17. Tranza-Nagrama ...	25	11	36	...	...	...	807	843	...	843
18. Savli Tank ...	6,876	...	6,876	...	...	...	411	7,286	...	7,286
19. Sáhát do. ...	1,024	1,297	2,321	...	...	...	688	3,009	...	3,009
20. Fatelsa do. ...	151	...	151	...	...	...	212	363	...	363
21. Hartála do. ...	184	...	184	...	2	...	1,113	1,299	...	1,299
22. Mhasva do. ...	296	...	296	...	33	...	868	1,197	...	1,197
23. Jardla Canals ...	5,350	...	5,350	...	2,168	...	624	8,142	17	8,125
24. Parsul Tank ...	4,305	...	4,305	...	...	...	152	4,457	...	4,457
25. Pravara Left Bank Canal ...	25,112	76	25,188	...	141	...	534	25,863	...	25,863
26. Bhátodi Tank ...	4,033	2,163	6,196	...	15	...	2,447	9,658	...	9,658
27. Kámadi do. ...	67	...	67	...	...	...	216	283	...	283
28. Shirsmphal do. ...	4,722	...	4,722	...	...	...	324	5,046	...	5,046
29. Bhádalwádi do. ...	2,787	...	2,787	...	255	...	9,245	11,287	...	11,287
30. Koregaon do. ...	807	...	807	...	...	...	55	862	...	862
31. Ashti do. ...	30,644	...	30,644	...	1,079	...	6,065	37,788	...	37,788
32. Pathri do. ...	7,877	...	7,877	...	...	...	3,729	11,606	...	11,606
33. Revári Canal ...	2,915	...	2,915	...	...	...	685	3,600	...	3,600
34. Upper Mán River Works...	4,463	...	4,463	...	...	...	444	4,907	...	4,907
35. Chikhli Canal ...	1,335	...	1,335	...	...	...	10	1,345	...	1,345
36. Yerla River Irrigation Works ...	19,353	...	19,353	...	...	...	2,804	22,157	...	22,157
37. Mainl Tank ...	11,774	...	11,774	...	...	...	769	12,543	...	12,543
38. Machkundi do. ...	...	...	...	...	...	...	267	267	...	267
39. Gádilkeri do. ...	...	2,029	2,029	...	...	...	...	2,029	...	2,029
40. Gokák Canal, First Section, and Storage Works ...	30,981	...	30,981	...	3	14,313	4,846	49,643	15	49,628
41. Dámbal Tank ...	970	916	1,886	...	...	...	170	2,056	...	2,056
42. Medleri do ...	536	...	536	...	...	...	305	841	...	841
43. Madag do. ...	1,535	...	1,535	...	180	...	174	1,889	...	1,889
44. Asundi do. ...	570	687	1,257	...	...	...	72	1,329	...	1,329
45. Mávinkop do. ...	...	2,288	2,288	...	...	...	...	2,288	...	2,288
46. Dharwa Canal ...	3,243	974	4,217	...	...	...	17	4,234	125	4,109
Total, Minor Works and Navigation ...	1,77,765	18,489	1,96,254	...	3,876	14,313	38,060	2,52,503	157	2,52,346
GRAND TOTAL ...	20,46,179	25,881	20,72,060	544	9,337	14,313	2,44,748	23,41,002	42,870	22,98,132

I-C.

Deccan and Gujarát for the year ending 31st March 1921.

Revenue and Working Expenses.)

Revenue Management.				Maintenance and Repairs.							Indirect Charges.	Grand Total, Working Expenses.	Net Revenue.
Establishment.			Total Revenue Manage-ment.	Total Establish-ment.	Works.	Repairs.	Sun-dries.	Tools and Plant.	Planta-tions.	Total Cost of Main-tenance.			
Total Establish-ment.	Naviga-tion.	Civil Officers.											
11	12	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
8,306	...	680	8,986	4,029	24	12,394	...	661	3,699	20,747	1,727	31,460	—16,696
7,138	...	963	8,101	3,050	3,302	8,219	...	455	681	15,707	1,426	25,234	—5,002
56,684	...	18,982	65,666	22,336	7,818	71,486	...	3,334	10,040	1,15,014	9,663	1,90,213	1,91,320
64,979	...	47,539	1,12,518	18,227	7,160	61,155	...	2,735	4,992	94,269	11,663	2,18,550	7,31,057
7,640	..	2,127	9,767	2,449	826	8,933	...	366	36	12,610	1,412	23,789	25,825
1,31,747	...	70,191	2,04,938	50,191	19,180	1,62,187	...	7,491	19,448	2,58,447	25,891	4,89,276	9,45,704
...	...	1,760	1,760	3,672	3,161	23,891	...	432	362	30,518	514	32,792	9,111
1,477	...	1,419	2,896	993	2,749	1,197	...	161	116	5,126	346	8,368	9,022
10,067	...	2,105	12,172	4,302	6,460	9,739	...	642	1,010	22,153	2,012	36,337	2,893
709	...	62	771	344	...	1,375	...	51	...	1,770	147	2,688	—1,459
36,533	...	15,546	52,079	10,303	2,622	58,039	12,377	1,538	551	85,430	6,557	1,24,065	2,29,031
4,050	...	6,451	10,501	3,535	5,729	7,387	...	572	1,015	18,248	1,962	29,511	1,05,359
1,548	...	2,608	4,156	2,542	763	8,335	404	481	630	13,555	575	18,324	17,235
54,383	...	29,951	84,334	25,691	21,494	89,423	12,781	3,877	3,574	1,56,840	11,911	2,52,385	3,78,491
1,89,130	...	1,00,142	2,89,272	75,882	40,674	2,51,610	12,781	11,368	23,022	4,15,237	37,102	7,41,661	13,04,125
...	...	1,096	1,096	764	1,495	4,324	...	97	5	6,785	107	7,988	8,549
...	...	2	2	166	...	1,212	...	20	...	1,398	22	1,412	—569
...	...	344	344	621	...	4,311	...	78	...	5,510	87	5,941	1,344
...	...	181	181	623	...	4,926	...	79	20	5,650	87	5,918	—2,239
...	...	8	8	171	...	1,329	...	22	...	1,522	24	1,554	—1,191
214	...	16	230	152	258	321	...	25	...	756	51	1,037	232
324	...	15	339	240	...	514	...	37	307	1,188	78	1,605	—426
2,748	...	268	3,016	1,658	1,049	6,237	...	316	448	10,008	659	13,771	—5,246
160	...	315	475	121	...	425	...	18	57	624	39	1,038	3,219
7,354	...	1,266	8,620	5,802	...	17,128	...	836	5,285	28,846	1,814	39,280	—13,417
482	...	403	885	1,307	2,826	2,333	...	212	...	6,748	251	7,885	1,778
1,246	...	3	1,249	356	...	1,992	...	63	30	1,881	224	3,354	3,022
1,025	...	229	1,254	202	...	1,059	...	44	110	1,505	184	2,943	2,103
1,611	...	189	1,750	460	449	854	...	69	536	2,368	290	4,408	6,870
241	...	40	281	218	...	372	...	35	...	1,126	64	1,470	—668
1,046	...	1,230	3,006	947	25	3,402	...	153	346	4,826	279	8,171	29,917
521	...	647	1,168	547	59	1,900	...	82	70	2,618	160	3,826	7,720
301	...	146	447	504	726	1,546	...	109	104	2,979	125	3,551	—57
713	...	227	940	1,486	1,843	3,919	...	271	152	7,701	308	8,949	4,042
131	...	67	198	302	230	979	...	54	...	1,565	61	1,824	—479
1,916	...	969	2,885	3,585	7,544	6,396	...	663	499	18,592	770	22,247	—60
1,012	...	589	1,601	1,428	2,236	3,147	...	287	329	7,427	342	9,370	3,173
488	...	...	488	369	...	1,459	...	95	...	1,919	119	2,526	—2,239
67	...	203	270	50	...	201	...	13	...	264	16	350	1,477
1,830	...	1,547	3,377	1,232	181	4,945	...	334	...	6,743	436	10,556	39,072
276	...	140	416	206	...	824	...	54	...	1,084	67	1,567	468
54	...	27	81	40	...	160	...	11	...	211	13	305	6994
397	...	77	474	296	...	1,137	...	77	48	1,558	97	2,129	—249
278	...	97	375	208	...	832	...	54	...	1,094	68	1,537	—298
489	...	229	698	351	...	1,404	...	91	...	1,846	115	2,658	—370
630	...	260	890	217	...	865	...	147	...	1,229	119	2,239	1,870
25,575	...	11,310	36,885	24,893	19,031	80,955	...	4,411	3,848	1,37,668	7,066	1,81,619	70,727
214705	...	1,11,452	3,26,157	1,00,775	59,655	3,32,565	12,781	15,809	31,870	5,52,955	44,168	9,23,280	13,74,852

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation Works in the

Number of Works	Name of Works.	Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II. 1918).	Date when system first came into operation.	General Financial Results to end: Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenue.
		Main canals and branches.	Distributaries.						
1	2	3	4	5	6a	6b	7	8	9
	MAJOR WORKS.	Miles.	Miles.	Rs.			Rs.	Rs.	Rs.
	35.—PROTECTIVE IRRIGATION WORKS.								
	In Operation.								
1	Pravara Canals	33·06	13·02	1,16,70,292	Not completed.	1906-10	1,09,04,380	31,12,329	...
2	Chankapur Tank	18·61	20·36	20,38,366	1906-10	1909-10	18,91,483	9,57,960	...
3	Godávari Canals	117·00	62·60	1,01,61,321	1916-16	1911-12	1,01,89,670	25,58,543	...
4	Nira Canal, including Shelpimal Tank	106·79	152·06	65,35,057	1889-99	1895-96	65,15,317	17,62,147	...
5	Mhaswad Tank	6·25	43·26	29,90,016	1900-01	1904-05	29,96,016	24,61,683	...
6	Gokák Canal, 1st Section	.....	.....	4,12,906	1896-97	1904-05	4,12,906	6,97,052	...
	Total	341·05	278·06	3,29,32,273	.....	.....	3,17,59,471	1,04,37,982	...
	Under Construction.								
7	Mátadevi Tank	.....	.....	3,14,574	Not completed.	Under construction.	3,11,628	2,42,190	...
8	Budhihal Tank	.....	.....	14,58,520			14,58,521	3,96,731	...
9	Nira Right Bank Canal	.....	.....	2,58,09,594			1,07,82,422	31,08,310	...
	Total	.....	.....	2,75,79,068	.....	.....	2,25,42,350	39,18,231	...
	Total, Protective Irrigation Works	341·05	278·06	6,05,11,366	.....	.....	5,23,03,821	1,60,56,153	...
	49.—IRRIGATION PRODUCTIVE WORKS.								
10	Hathmati Canal, including Khárí Cut Canal	63·00	62·53	13,16,973	1883-84	1873-74	13,16,973	10,18,221	...
11	Lower Pánjra River Works	.....	49·00	4,59,621	1884-85	1881-82	4,59,622	6,01,797	...
12	Nadwa River Works	29·18	12·39	13,51,191	1897-98	1886-89	10,84,191	1,72,175	...
13	Pravara River Works—Lakh Canal	23·00	9·37	8,71,891	1893-94	1889-90	8,71,891	9,61,497	...
14	Mutha Canal, including Khadak Tank	38·00	63·09	65,80,965	1895-96	1876-77	65,37,393	38,76,574	...
15	Ekrúk Tank	43·00	1·03	18,40,395	1890-91	1872-73	13,40,395	13,81,810	...
16	Krishna Canal	69·97	.....	9,48,789	1891-92	1889-90	9,14,469	5,56,354	...
	Total, Productive Works	306·99	244·91	1,39,17,986	.....	.....	1,39,15,674	95,41,841	...
	Total, Major Works	648·04	522·97	7,25,19,023	.....	.....	6,43,19,205	2,35,97,994	...
	43.—MINOR WORKS AND NAVIGATION—IRRIGATION WORKS.								
17	Vilingoll Tank	17·25	.....	2,80,930	1903-09	1904-05	2,80,930	1,62,243	...
18	Tráma Nagrima Tanks	7·20	.....	2,80,836	1905-10	1906-07	2,80,837	1,74,951	...
19	Sárji Tank	8·25	1·23	2,26,210	1909-10	1906-09	2,26,215	1,74,052	...
20	Sahisi do.	9·25	1·79	1,84,029	1911-12	1910-11	1,84,029	1,46,339	...
21	Futcha do.	3·00	.....	1,16,401	1914-17	1915-16	1,16,401	31,292	...
22	Harsila do.	39·00	72·00	72,342	1856-57	1857-58	72,342	69,797	...
23	Mhaswa do.	.....	7·00	1,39,958	1858-57	1857-78	1,39,936	2,29,917	...
24	Mánda Canals	.....	9·50	10,84,089	1881-82	1870-71	10,81,089	23,63,315	...
25	Purasi Tank	.....	4·72	2,35,245	1894-95	1892-90	2,14,915	3,81,310	...
26a	Pravara Left Bank Canal	47·12	63·25	3,67,560	1924-26	1874-75	3,67,550	6,52,632	...
27	Bhatodi Tank	4·00	2·00	3,20,707	1881-82	1871-72	3,20,707	6,54,714	...
28	Kásardi do.	.....	1·75	45,580	1877-78	1869-70	45,580	1,08,252	...
29	Shirsuphal do.	.....	12·00	2,24,566	1903-04	1878-79	2,24,566	3,12,913	...
30	Bhádalwadi do.	.....	9·75	2,27,422	1890-91	1881-82	2,27,422	2,82,544	...
31	Koregaon do.	0·75	.....	30,189	1891-92	1886-90	30,189	77,146	...
32	Ambi do.	27·50	3·15	8,80,091	1902-03	1884-85	8,80,091	10,93,546	...
33	Pádvi do.	4·00	3·33	6,62,545	1908-09	1906-07	6,62,546	3,30,337	...
34	Kerdni Canal	10·25	.....	60,811	1896-97	1885-86	60,811	31,320	...
35	Upper Mán River Works	17·50	6·00	4,39,285	1891-92	1879-78	4,39,285	7,09,203	...
36a	Yerla River Irrigation Works	39·33	4·00	7,71,518	1924-25	1899-00	7,70,070	10,52,440	...
37	Chikhli Canal	0·00	.....	67,442	1883-83	1870-71	67,442	99,246	...
38	Mahal Tank	9·25	7·63	4,57,890	1891-92	1875-76	4,57,652	6,50,939	...
39	Muchkundi Tank	5·62	2·25	1,58,707	1890-91	1884-85	1,58,707	2,02,834	...
40	Gadikeri Tank	.....	1·50	16,916	1881-83	1883-83	16,916	.....	47,000
41	Gokák Canal, First Section	19·33	20·43	9,99,266	1850-97	1881-82	9,99,266	.....	27,005
42	Dambal Tank	.....	3·37	63,080	1855-56	1887-81	63,080	72,449	...
43	Medsiri do.	.....	4·37	81,982	1857-58	1884-85	81,982	1,31,054	...
44	Madag do.	2·00	.....	1,67,592	1858-89	1886-87	1,67,592	2,27,046	...
45	Asandi do.	.....	6·06	74,995	1889-90	1884-85	74,995	1,00,550	...
46	Mavinkop do.	.....	2·79	33,504	1891-92	1883-83	33,504	2,939	...
47	Dharma Canal	19·00	13·00	96,334	Not completed.	1913-14	97,333	64,198	...
	Total	229·64	209·64	83,23,286	.....	.....	83,11,891	1,03,67,947	74,161
	Under Construction.								
48	Victoria Tank	.....	.....	4,61,003	Not completed.	Under construction.	68,962	90,783	...
49	Sokí River	.....	.....	.....			13,524	4,927	...
	Total	.....	.....	4,61,003	.....	.....	82,505	85,710	...
	In Abeyance.								
50	Gokák Canal, Second Section	.....	.....	1,91,995	.....	.....	1,90,284	2,90,523	...
	Total, Minor Works	229·64	209·64	94,76,283	.....	.....	90,84,680	1,06,94,180	74,161
	GRAND TOTAL	918·28	833·21	8,19,95,648	.....	.....	7,34,03,976	3,42,92,174	74,161

II-C.

Deccan and Gujarát for, and up to the end of, 1920-1921.

of 1920-1921.	Financial Results of the year 1920-1921.										
Total sum-charge (column 7+column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-charge, column 10.	Interest at 3·2152 per cent. on direct Capital outlay to end of 1919-17 and at 5·1079 per cent. on subsequent expenditure.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 10).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
1,20,16,698	14,764	31,400	—16,636	.....	.....	3,77,396	...	3,94,032	11,455	212·60
29,49,339	19,633	25,234	—5,602	.....	.....	64,784	...	70,386	5,786	128·54
1,27,15,213	3,61,563	2,50,243	1,01,320	1·63	1·20	3,72,980	...	1,31,679	51,677	69·26
83,55,434	9,99,897	2,18,550	7,31,057	11·76	8·75	2,05,941	5,22,656	.....	73,719	23·01
45,56,879	49,414	23,789	25,625	1·23	0·56	66,588	...	41,063	12,359	48·14
9,99,988	.....	.....	.....	.....	.....	13,533	...	13,533	.....	.....
4,21,06,333	14,14,980	4,69,276	9,25,704	2·91	2·19	10,53,810	...	1,27,603	1,54,495	34·88
5,54,119	.....	.....	.....	.....	.....	10,043	...	10,043	.....	.....
7,77,774	.....	.....	.....	.....	.....	10,863	...	10,863	.....	.....
2,93,31,749	.....	.....	.....	.....	.....	7,35,353	...	7,35,353	.....	.....
2,41,63,641	.....	.....	.....	.....	.....	7,61,768	...	7,61,768	.....	.....
6,63,29,974	14,14,980	4,69,276	9,25,704	1·77	1·39	18,15,578	...	8,89,564	1,54,495	34·88
23,36,834	41,903	32,792	9,111	0·68	0·39	41,266	...	32,154	14,502	78·26
9,70,019	17,290	8,302	8,988	1·93	0·93	14,810	...	5,821	2,745	49·12
31,02,270	46,192	36,437	9,823	0·65	0·43	32,318	...	22,495	5,195	78·72
13,33,398	1,212	2,686	—1,469	.....	.....	11,710	...	13,179	741	318·71
1,04,76,527	3,58,982	1,21,085	2,29,031	2·60	2·19	2,07,756	21,725	.....	18,566	33·14
37,21,903	1,35,470	29,811	1,05,659	1·48	2·83	40,837	64,822	.....	5,993	12·01
15,57,915	35,859	18,284	17,575	1·92	1·13	29,984	...	12,409	2,468	51·03
2,15,57,315	6,80,906	2,23,385	3,76,421	2·15	1·75	3,77,884	637	.....	57,096	40·01
9,79,17,289	20,45,726	7,41,661	13,04,125	2·03	1·45	21,93,153	...	8,89,027	2,11,552	36·25
4,59,171	14,637	7,988	6,649	2·25	1·43	3,019	...	1,463	3,611	54·58
4,85,629	943	1,412	—469	.....	.....	7,016	...	6,464	10	167·33
4,30,139	7,246	5,941	1,305	0·53	0·31	7,767	...	6,462	753	81·83
3,20,969	2,459	5,796	—3,337	.....	.....	1,709	...	5,206	455	202·73
1,47,741	363	1,554	—1,191	.....	.....	3,579	...	4,701	1	427·59
1,40,179	1,299	1,007	293	0·32	0·17	1,594	...	1,063	4	82·14
3,68,873	1,197	4,940	—743	.....	.....	4,293	...	4,600	527	134·09
23,04,932	6,195	13,771	—5,576	.....	.....	22,859	...	28,505	5,708	109·48
4,40,914	5,457	1,033	3,419	1·69	0·77	6,917	...	3,498	283	32·29
9,91,383	26,863	39,260	—12,417	.....	.....	10,764	...	24,201	15,119	161·99
10,34,421	2,650	7,985	—5,335	0·47	0·17	11,727	...	9,954	667	81·63
1,54,442	324	3,304	—2,980	.....	.....	1,257	...	4,979	84	1171·63
5,37,871	5,045	2,943	2,102	0·94	0·39	7,055	...	4,953	1,582	63·32
3,15,926	11,287	4,478	6,809	2·43	1·33	7,087	...	598	777	39·05
1,16,433	502	1,470	—968	.....	.....	1,201	...	1,969	.....	170·53
15,68,697	37,782	8,171	29,611	3·54	1·87	25,174	4,443	.....	5,463	21·63
6,85,173	11,506	3,876	7,730	1·90	0·70	22,276	...	13,146	1,095	33·40
91,137	2,000	3,661	—61	.....	.....	1,988	...	1,939	336	101·45
11,49,409	4,007	4,943	—4,042	.....	.....	13,837	...	17,969	167	162·35
17,57,210	27,157	22,247	—90	.....	.....	23,926	...	24,016	5,883	100·49
1,46,926	1,315	1,854	—539	.....	.....	1,749	...	2,288	1,279	136·21
11,38,259	12,543	9,370	3,173	0·65	0·28	15,367	...	12,194	2,578	74·70
3,61,241	297	2,538	—2,240	.....	.....	4,623	...	6,961	.....	946·07
16,919	2,029	550	1,479	0·74	0·74	544	935	.....	205	27·11
9,80,256	49,638	10,555	39,073	4·03	4·03	23,984	9,116	.....	13,261	21·27
1,99,429	2,050	1,837	439	0·76	0·30	2,023	...	1,584	494	76·32
2,12,446	841	305	536	0·66	0·25	2,605	...	2,069	81	36·27
4,57,264	1,959	2,129	—170	.....	.....	5,303	...	5,502	893	112·70
1,75,345	1,329	1,537	—208	.....	.....	2,020	...	2,228	270	116·65
36,143	2,289	2,656	—370	.....	.....	1,004	...	1,374	283	116·17
1,69,030	4,100	2,739	1,370	1·01	1·12	3,961	...	1,491	5,706	64·49
1,91,79,838	2,52,346	1,81,619	70,727	0·80	0·37	2,71,959	...	2,01,232	64,943	71·97
97,784	.....	.....	.....	.....	.....	2,357	...	2,357	.....	.....
20,451	.....	.....	.....	.....	.....	503	...	503	.....	.....
1,18,235	.....	.....	.....	.....	.....	2,760	...	2,760	.....	.....
4,80,667	.....	.....	.....	.....	.....	5,863	...	5,863	.....	.....
1,97,78,850	2,52,346	1,81,619	70,727	0·78	0·36	2,80,822	...	2,09,955	64,943	71·97
10,78,96,149	22,98,123	9,23,280	13,74,843	1·87	1·28	24,73,734	...	10,98,982	2,76,495	40·17

Note.—The rate per cent. on the total cost Rs. 13,81,923 of the Gokák Canal Project comes to 2·83.

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT III-C.

Demands and Realizations during the year 1920-1921 in Deccan and Gujarát.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (b)	Demands for the year (c).				Total including balance at commencement of year.	Deduct—Remissions not including Cash Refunds.	Net Total.	Deduct—Amount unrealized at close of year.	Actual Realizations of the year.
			Rabi, 1919-1920.	Kharif, 1920-1921.	Miscellaneous Receipts.	Total.					
1	2	3	4	5	6	7	8	9	10	11	
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	35.—Protective Irrigation Works.										
1	Pravara River Canal... ...	2,793	7,169	8,025	1,194	16,388	19,117	.....	19,117	4,353	14,764
2	Chankapar Tank	937	11,129	7,919	518	19,566	20,193	.....	20,193	561	19,632
3	Godávari Canal	1,57,159	86,606	3,23,670	15,490	4,25,766	5,82,925	2,559	5,80,366	1,94,040	3,86,326
4	Nira Canal and Shetphal Tank	3,94,231	2,26,033	5,43 376	5,675	7,85,109	10,89,337	45	10,89,292	1,32,902	9,56,390
5	Mhaswad Tank	—74	32,966	18,409	8,086	58,361	58,287	.....	58,287	8,798	49,489
	Total, Protective Works ...	4,64,872	3,75,923	8,99,401	31,863	13,05,187	17,69,859	2,604	17,67,255	3,40,654	14,26,601
	49.—Irrigation. Productive Works.										
9	Háthmati and Khári Cut Canals	74,561	5,891	29,055	6,715	41,661	1,16,222	2,906	1,13,316	71,402	41,914
10	Lower Panjhra River Works.	650	(a) 3,395	(c) 10,081	1,399	14,855	15,505	220	15,285	4,416	10,869
11	Kádva River Works	1,001	13,830	38,797	3,628	56,105	58,106	71	58,035	7,387	45,648
12	Pravara River Works—Lákh Canal	—2	385	392	226	1,003	1,001	.....	1,001	—3	1,004
13	Mutha Canal and Mátoba Tank	73,620	43,418	2,60,871	65,563	3,69,854	4,43,474	.....	4,43,434	64,392	3,84,042
14	Ekruk Tank	9,729	14,334	40,924	1,08,261	1,62,519	1,72,248	.....	1,72,248	36,878	1,35,470
15	Krishna Canal	18,410	11,684	43,446	598	55,728	74,138	.....	74,138	38,609	35,529
	Total, Productive Works ...	1,82,999	92,787	4,18,606	1,85,392	6,97,785	8,80,784	3,197	8,77,587	2,23,081	6,54,506
	Total, Major Works ...	6,47,871	4,66,710	13,18,007	2,18,255	20,02,972	26,50,643	5,801	26,44,842	5,63,735	20,81,107
	48.—Minor Works and Navigation.										
16	Wangroli Tank	2,213	1,612	6,436	658	8,706	10,919	2	10,917	4,428	6,489
17	Tvanta-Nagvana Tank ...	25	...	...	307	307	332	.....	332	...	332
18	Sávli Tank	5,818	1,659	2,239	410	4,198	10,016	56	9,960	2,674	7,286
19	Sahlat do.	638	1,815	207	538	2,560	3,248	2	3,246	1,684	1,562
20	Futelao do.	1	148	1	213	362	363	.....	363	...	363
21	Hartála do.	89	120	3	1,234	1,357	1,446	.....	1,446	747	1,299
22	Mhaswa do.	...	287	24	901	1,212	1,212	.....	1,212	13	1,197
23	Jámda Canals	3,076	3,110	9,516	2,132	14,758	17,834	.....	17,834	9,692	8,142
24	Parsul Tank	39	2,983	883	154	5,020	5,059	.....	5,059	602	4,457
25	Pravara Left Bank Canal ...	1,836	7,806	26,988	628	29,494	31,330	.....	31,330	5,593	25,737
26	Bhátodi Tank	2,146	3,389	25	3,462	6,876	9,022	.....	9,022	1,507	7,495
27	Késurdi do.	...	43	24	212	281	282	.....	282	...	282
28	Shirsuphal do.	...	3,044	2,783	324	6,106	6,106	.....	6,106	1,060	5,046
29	Bhadalvádi do.	97	3,298	571	8,503	12,369	12,466	.....	12,466	1,179	11,287
30	Koregaon do.	...	841	...	55	896	896	.....	896	34	862
31	Ashti do.	7,902	13,702	17,385	7,144	38,231	46,133	.....	46,133	8,345	37,788
32	Páthri do.	64	5,232	2,640	3,720	11,592	11,656	.....	11,626	20	11,606
33	Sevári Canal	87	2,483	426	386	3,543	3,630	.....	3,630	30	3,600
34	Upper Mán River Works ...	44	4,192	371	445	5,079	5,052	.....	5,052	146	4,907
35	Yerla River Irrigation Works.	50	15,580	2,748	2,805	23,133	22,183	.....	22,183	26	22,157
36	Chikhli Canal	399	926	1,110	10	2,046	2,445	.....	2,445	1,100	1,345
37	Mainl Tank	3,481	6,929	2,402	709	10,040	13,481	.....	13,481	938	12,543
38	Mashkundi Tank	...	...	...	267	267	267	.....	267	...	267
39	Gadikeri do.	...	...	...	...	...	...	.....	...	...	...
40	Gokak Canal, First Section, and Storage Works ...	8,823	10,785	27,617	19,426	57,828	66,651	.....	66,651	17,008	49,643
41	Dambal Tank	761	208	327	170	705	1,466	.....	1,466	326	1,140
42	Medleri do.	287	13	441	305	759	1,046	.....	1,046	205	841
43	Madag do.	1,126	671	2,418	384	3,473	4,574	.....	4,574	2,985	1,589
44	Arundi do.	782	113	316	72	500	1,282	.....	1,282	590	642
45	Márinkop do.	...	...	...	...	...	...	.....	...	...	...
46	Dharma Canal	6,452	...	2,959	17	2,976	9,428	86	9,342	6,092	3,250
	Total, Minor Works ...	46,206	92,720	1,04,759	56,500	2,53,979	3,00,275	146	3,00,129	66,116	2,34,014
	Grand Total ...	6,93,967	5,59,430	14,22,766	2,74,755	22,56,951	29,50,918	5,947	29,44,971	6,29,850	23,15,121

(a) Excluding Irrigation share of Land Revenue.
(b) Correct balances as now reported by District Officers in Canal Returns Nos. VI and VII.
(c) Inclusive of assessment as shown in Canal Return No. IX.

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1920-1921, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1921.

	Irrigation Works.	Capital outlay (direct and Indirect) to end of year.	Revenue assessed during the year.							Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.	Working Expenses, direct and Indirect.	Net assessed Revenue of the year.	Per-centage on Capital outlay to end of year
			Direct assessed Revenue.											
			Occupier's rate.	Owner's rate.	Fisheries.	Water-power.	Navigation.	Miscellaneous.	Total.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.													
	35.—Protective Irrigation Works.													
1	Pravara River Canal	1,46,53,429	30,691	...	684	...	...	610	31,885	.....	31,885	31,460	426	0·294
2	Chankapúr Tank	19,91,433	24,614	...	21	...	...	667	25,122	.....	25,122	25,254	—132	(a)
3	Godávari Canals	1,01,60,670	5,86,137	...	207	...	21	15,123	6,01,627	.....	6,01,627	1,90,543	4,11,084	4·05
4	Nira Canal and Shetphal Tank ...	69,62,284	7,15,116	...	983	...	...	5,012	7,20,870	.....	7,20,870	2,18,000	5,02,220	7·22
5	Mhaswad Tank	20,96,010	71,230	...	3,163	...	...	6,854	80,366	.....	80,366	23,789	56,577	2·69
	Total, Protective Works ...	3,13,43,871	14,27,917	...	3,847	...	21	28,005	14,59,790	.....	14,59,790	4,89,276	9,70,514	3·10
	40.—Irrigation Productive Works.													
9	Hathmati and Khárikut Canal ...	15,15,073	34,767	...	30	...	...	6,655	40,982	.....	40,982	33,792	8,190	0·62
10	Lower Pánjhra River Works ...	4,63,621	12,920	...	2	...	...	1,396	14,319	6,621	20,940	3,308	17,632	3·68
11	Kidén River Works	10,34,191	44,811	...	...	...	...	5,627	49,438	594	50,032	35,337	13,696	1·23
12	Pravara River Works—Lákh Canal ...	3,71,201	1,222	...	63	...	...	197	1,482	225	1,679	2,688	—1,009	(a)
13	Mutha Canal and Mútha Tank ...	5,39,933	2,25,333	...	715	...	533	54,314	3,80,897	63	3,80,960	1,75,066	2,15,894	8·32
14	Khrité Tank	13,40,336	63,906	...	804	...	...	1,07,457	1,72,167	.....	1,72,167	29,811	1,42,356	10·62
15	Krishna Canal	9,44,459	66,858	...	...	...	...	1,500	67,156	.....	67,156	18,334	48,822	5·11
	Total, Productive Works ...	1,30,15,474	4,80,022	...	1,614	...	533	1,54,744	6,75,413	7,303	6,82,805	2,62,385	4,20,420	3·23
	Total, Major Works ...	4,43,59,345	19,15,939	...	5,461	...	554	2,12,749	21,35,193	7,303	21,42,595	7,41,661	14,00,934	3·22
	43.—Minor Works and Navigation.													
16	Wangroli Tank	2,80,980	5,999	...	...	...	...	638	6,637	8,648	14,785	7,988	6,717	2·31
17	Tranes-Negramma Tank	2,90,536	...	...	...	...	...	267	267	11	278	1,414	—1,136	(a)
18	Sákri Tank	2,55,210	2,267	...	...	...	...	410	2,677	.....	2,677	5,041	—2,364	(a)
19	Sáhási do.	1,84,022	207	...	...	...	...	538	745	1,297	2,042	5,798	—3,756	(a)
20	Páteba do.	1,16,491	1	...	...	...	...	213	214	.....	214	1,564	—1,350	(a)
21	Hartála do.	76,362	7	...	2	...	...	1,524	1,241	.....	1,241	1,067	174	0·24
22	Nhawa do.	1,39,282	1,822	...	33	...	...	883	2,563	.....	2,563	1,905	978	0·70
23	Jámda Canals	10,41,262	15,308	...	1,509	...	...	623	17,535	.....	17,535	13,771	3,764	0·36
24	Parasi Tank	2,14,995	907	...	...	...	...	154	1,131	.....	1,131	1,068	63	0·02
25	Pravara Left Bank Canal	2,47,590	43,110	...	141	...	...	787	43,938	76	44,014	34,929	9,085	3·76
26	Bhátodi Tank	3,72,707	2,715	...	15	...	...	8,447	7,310	2,163	9,473	7,385	1,988	0·38
27	Kánudi do.	45,290	163	...	...	...	...	215	378	.....	378	3,304	—2,926	(a)
28	Shirsuphal do.	2,24,568	6,731	...	...	...	...	324	7,054	.....	7,054	2,943	4,111	1·83
29	Bhádalwádi do.	2,27,482	2,350	...	255	...	...	8,245	10,769	.....	10,769	1,405	9,364	4·09
30	Kavegaon do.	39,130	...	...	...	...	...	58	58	.....	58	1,670	—1,612	(a)
31	Ashti do.	8,38,091	35,909	...	1,079	...	...	6,065	43,113	.....	43,113	8,171	34,942	4·18
32	Pátbri do.	6,45,846	5,023	...	...	...	...	2,730	7,753	.....	7,753	2,379	5,377	0·81
33	Revati Canal	69,611	1,560	...	...	...	...	685	2,245	.....	2,245	3,661	—1,416	(a)
34	Upper Mán River Works	4,93,233	433	...	...	...	...	445	878	.....	1,578	8,949	—7,371	(a)
35	Yerla River Irrigation Works ...	7,64,870	17,414	...	...	...	...	2,805	20,219	.....	20,219	22,247	—2,028	(a)
36	Chikhli canal	57,453	1,216	...	...	...	...	40	1,256	.....	1,256	1,824	—568	(a)
37	Mand Tank	4,67,695	5,100	...	...	...	...	769	5,875	.....	9,875	5,790	4,085	0·70
38	Muchkundi Tank	1,58,707	...	...	...	...	...	267	267	.....	267	2,526	—2,259	(a)
39	Godhari do.	16,913	...	...	...	...	...	...	...	2,029	2,029	650	1,379	8·74
40	Gokak Canal, First Section, and Bilenagar Works	13,81,922	58,239	...	2	14,313	...	6,110	77,654	.....	77,654	10,556	67,099	4·85
41	Dambal Tank	68,250	632	...	...	...	...	170	802	916	1,718	1,867	151	0·24
42	Mudalgi do.	81,392	540	...	...	...	...	335	895	.....	895	595	300	0·72
43	Mádar do.	1,67,826	4,051	...	180	...	...	774	4,955	.....	4,955	2,156	2,799	1·67
44	Anneli do.	74,393	344	...	...	...	...	72	416	687	1,103	1,537	—434	(a)
45	Hárúbág do.	35,694	...	...	...	...	...	...	...	2,324	2,324	2,653	—329	(a)
46	Dharna Canal	97,822	2,959	...	...	...	...	17	2,976	974	3,950	2,239	1,711	1·75
	Total, Minor Works ...	92,24,557	2,24,424	...	3,317	14,313	...	39,970	2,80,024	18,489	2,98,513	1,81,619	1,17,794	1·28
	Grand Total ...	5,35,83,902	21,41,363	...	8,778	14,313	554	2,51,219	24,16,117	25,791	24,41,108	9,23,280	15,18,718	2·89

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

S. A. VANESHWAR,
Assistant Accountant General.

Statement of Area irrigated by Irrigation Works in the

No.	Name of work.	Area Irrigated in Acres.					Double-cropped.		Average Discharge, Cubic Feet per Second.			
									At Head.		Utilized.	
		Kharif.	Rabi.	Total	Flow.	Lift.	Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Major Works.											
	Protective Works.											
1	Pravara River Works—Pravara Right Bank Canal	4,077	7,378	11,455	11,449	6	540	4·71	32	·48	26	43
2	Girna Left Bank Canal ...	(2,023) 2,061	(3,523) 3,225	5,286	5,231	55	1,338	25·12	34·13	43·45	34·13	43·45
3	Darna Dam—Lake Eeale	115	116	231	...	231	...	...	...	...	...	...
	Godavari Right Bank Canal ...	8,704	(28,671) 22,995	31,699	31,643	56	3,023	9·54	111	174	104	155
	Godavari Left Bank Canal ...	5,348	(13,410) 14,398	19,746	19,727	19	974	4·93	62	115	52	97
4	Nira Canal and	39,354	(50,630) 29,638	69,992	68,705	297	1,356	1·97	308	360	290	360
	Shetphal Tank	3,488	(2,953) 1,289	4,777	4,772	5	125	2·62	17·96	21·70	17·96	21·70
5	Mhasvad Tank	4,061	8,199	12,260	12,016	244	...	...	31·29	43·47	31·29	43·47
	Total ...	67,218	87,233	154,456	153,548	913	7,346	4·76	...	...	...	...
	Productive Works.											
9	Háthmati Canal and	(e)2,872	2,523	4,895	4,838	57	...	...	202	30	117	30
	Khári Cut Canal	(e)9,002	444	9,446	7,769	1,677	...	...	166	20	(d)150	(e)20
10	Lower Pánjhra River Works.	243	422	665	2,529	...	4	0·16	0·76	11·40	0·76	11·40
		‡1,782	182	21,864								
11	Kádwa River Works: Wághad Tank	...	...	...	...	...	...	...	...	...	...	...
	Patkhal Canal.	(2,232) 2,249	(2,321) 769	3,018	2,948	70	20	0·66	29·51	33·67	29·51	33·67
	Ojhar-T & umbat Canal.	(955) 970	(782) 216	1,186	1,182	4	10	0·84	6·87	5·16	6·87	5·16
	Wadali Canal	(817) 880	(772) 262	1,092	1,092	...	69	6·32	7·08	7·02	7·08	7·02
12	Pravara River Works—Lakhi Canal.	313	428	741	638	103	1	...	5	5	5	5
13	Mutha Canals and ...	13,135	(7,195) 1,967	15,102 ‡28	15,102	...	240	1·59	197	146	*	*
	Mákoba Tank	1,498	(1,915) 1,982	3,480	3,480	...	...	...	10·77	15·44	10·77	15·44
14	Ekruk Tank	2,713	3,280	5,993	5,884	109	...	...	20·26	32·65	17·20	28·25
15	Krishna Canal	5,924	2,542	8,466	7,127	1,339	609	7·19	65·90	67·37	65·90	67·37
	Total ...	39,249	14,885	54,084	52,559	3,359	953	1·7	...	...	...	...
		‡1,782	‡82	‡1,864 28‡	...	...	...	...	...	...	...	...
	Total, Major Works ...	106,467	102,073	208,540	206,132	4,272	8,299	3·94	...	...	...	...
		‡1,782	‡82	‡1,864 28‡	...	...	...	...	...	...	...	...
	Carried over ..	105,467	102,073	208,540	206,132	4,272	8,299	3·94	...	...	...	...
		‡1,782	‡82	‡1,864 28‡	...	...	...	...	...	...	...	...

I-E.

Bombay Presidency, excluding Sind, during the year 1920-1921.

Area irrigated per Cubic Foot per Second.				Base to which the Duties on Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
127	154	157	172	16th February to 15th October.	16th October to 15th February.	*Note by the Superintending Engineer, Deccan Irrigation Division.*—The antique figures in brackets represent areas actually irrigated during the respective seasons and the duties have been calculated on these figures. They differ from those in Statement IV-E owing to the fact that certain areas irrigated during the rabi season are assessed in kharif papers and *vice versa*. In the rabi season in addition to pure rabi crops perennial and eight months crops are irrigated. To obtain correct duties, therefore, these crops have to be added to the rabi area.
(a) 59	(a) 81	(a) 59	(a) 81	16th June to 15th October ...	Do.	
...	...	...	...	16th February to 15th October.	Do.	
(b) 78	165	(b) 84	185	Do. ...	Do.	
(b) 86	160	(b)103	190	Do. ...	Do.	
138	141	136	141	Do. ...	Do.	(a) A low duty owing to the scattered nature of irrigation.
194	136	194	136	Do. ...	Do.	(b) The low duties are due to high proportion of sugarcane.
130	189	130	189	Do. ...	Do.	(c) This included 12 acres and 22 acres hot weather irrigation under the Hathmati and Khari Canals respectively.
...	...	...	...			(d) 1900 cusecs used for giving water to Khari Sluices through the Khari Cut Canal.
11·69	84·10	20·17	84·10	15th June to 14th October ...	15th October to 14th February.	
54·04	22·45	54·04	22·45	Do. ...	Do.	(e) Used in filling adjoining tanks for domestic purposes but most of the water was lost by absorption.
266·44	44·23	266·44	44·23	Do. ...	Do.	
...	...	...	...			* Figures of utilized discharge are not available as the quantity let into Malcha Tank was not measured. Besides water was supplied for drinking purposes to the city and cantonment of Poona.
(c) 76	(c) 69	(c) 76	(c) 69	16th June to 15th October. ...	16th October to 15th February.	
139	152	139	152	Do. ...	Do.	† An area of 28 acres is indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
116	110	116	110	Do. ...	Do.	‡ Area under consolidated assesment.
(a) 62	(a)101	(a) 62	101	Do. ...	Do.	
(b) 67	(a) 51	...*	...*	16th February to 15th October.	Do.	
139	124	139	124	16th June to 15th October ...	Do.	
129	169	157	195	15th February to 14th October.	15th October to 14th February.	
105	85	105	85	16th February to 15th October	16th October to 15th February.	
...	...	...	...			
...	...	...	...			
...	...	...	...			
...	...	...	...			
...	...	...	...			
...	...	...	...			

STATEMENT

No.	Name of work.	Area irrigated in Acres.			Flow.	Left.	Double-cropped.		Average Discharges, Cubic Feet per Second.			
									At Head.		Utilised.	
		Kharif.	Rabi.	Total.			Area irrigated.	Percentage of Total area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Brought forward ...	106,467 ‡1,783	102,078 ‡82	208,540 ‡1,864 ‡28	206,132	4,272	8,299	3·94	...	...	...	...
	MINOR WORKS AND NAVIGATION.											
16	Wangroli Tank	(a)1,546	70	1,616	1,469	147	...	...	94·61	9·39	94·61	9·39
17	Tranza-Nagramma Tanks ...	...	...	...	...	...	...	...	...	...	...	...
18	Savli Tank	723	30	753	697	56	...	...	60·50	3·90	60·50	3·90
19	Sahiat do.	71	...	71	70	1	...	...	17·15	...	17·15	...
20	Futelao do.	1	...	1	1	...	...	...	0·79	...	0·79	...
21	Hartála do.	2	2	4	2	2	...	...	0·018	...	0·018	...
22	Mhasva do.	7	520	527	520	7	...	...	0·06	4·75	0·06	4·75
23	Jámda Canals	3,868	1,839	5,707	5,701	6	...	...	55·2	38·9	55·2	38·9
24	Pawul Tank(b) ...	(263) 287	(187) 46	333	333	...	...	...	2·71	2·39	2·71	2·39
25	Pravara River Works—Pravara Left Bank Canal.	6,310	5,809	15,119	15,119	...	451	2·98	53	54	44	51
26	Bhátodi Tank	8	579	587	569	18	...	...	...	1·17	...	1·17
27	Kásurdi Tank(b)	26	59	84	84	...	...	...	...	...	...	...
28	Shirsuphal do.(b)	542	(1,018) 1,038	1,580	1,580	...	...	..	5·65	8·53	5·65	8·53
29	Bhádalvádi do.(b)	90	(651) 682	772	772	...	...	...	...†	3·80	...†	3·80
30	Koregaon do.	...	...	...	...	...	...	...	...	...	...	...
31	Ashti do.	1,931	3,484	5,465	5,442	23	...	...	7·15	14·15	7·15	14·15
32	Pathri do.	390	705	1,095	1,022	73	...	...	2·68	6·73	2·68	6·73
33	Revári Canal	171	265	436	434	2	...	...	2·30	2·29	2·04	2·29
34	Upper Mán River Works ...	142	25	167	167	...	3	1·80	0·85	0·35	0·35	0·35
35	Yerla River Irrigation Works.	1,006	2,873	3,879	3,866	13	552	14·23	6·43	20·78	6·43	20·78
36	Chikhli Canal	430	2	432	416	16	...	...	4·56	0·91	4·56	0·91
37	Maini Tank	1,143	1,436	2,579	2,526	53	172	6·67	5·78	9·64	5·78	9·64
38	Muchkundi do.	...	‡316	‡316	316	...	...	...	...	...	...	...
39	Gadikeri do.	‡395	...	‡395	395	...	...	...	...	...	...	...
40	Gokak Canal, 1st Section and Storage Works.	5,214	6,838	18,052	12,534	518	...	...	33·88	43·46	33·88	43·45
41	Dambal Tank ...	226 ‡144	53	279 ‡144	423	...	...	...	2·92	4·30	2·92	4·30
42	Mediari do.	41	39	80	79	1	...	...	4·19	4·49	4·19	4·49
43	Madag do.	556	283	839	838	1	...	...	9·99	16·60	9·99	16·60
44	Asundi do.	64	‡190	64 ‡190	247	7	...	...	3·21	1·91	3·21	1·91
45	Mávinkop do.	‡653	...	‡653	653	...	...	...	0·75	0·38	0·75	0·38
46	Dharma Canal ...	580 ‡5,126	...	580 ‡5,126	5,706	...	...	...	29·63	0·61	29·63	0·61
	Total, Minor Works ...	26,454 ‡6,318	29,677 ‡506	56,131 ‡6,824	52,051	944	1,178	1·87	...	...	...	...
	GRAND TOTAL ...	132,921 ‡8,100	131,755 ‡588	264,671 ‡8,688 ‡28	258,183	5,216	9,477	3·46	...	...	...	...

I-E—*concluded.*

Area irrigated per cubic foot per second.				Basis to which the duties of water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
...	...	...	...			
...	...	...	...			
16·30	7·45	16·30	7·45	15th June to 14th October ...	15th October to 14th February.	(a) This includes 101 acres hot weather irrigation.
...	...	...	...			
11·95	7·70	11·95	7·70	Do. ...	Do.	* This includes 20 acres of hot weather irrigation.
2·97	...	2·97	...	Do. ...	Do.	
1·26	...	1·26	...	Do. ...	Do.	(b) The discharge from these tanks in the hot weather being uncertain as well as very small has not been accounted for. The duties are calculated on an eight months basis. Even during the monsoon and rabi seasons there is no discharge from these tanks for days together and the actual number of days on which the channels were in flow have been taken for purposes of duty.
111·1	Left Irrigation.	111·1	Left Irrigation.	15th February to 14th October.	Do.	
116·6	109·9	116·6	109·9	Do. ...	Do.	
70·1	48·48	70·1	48·48	Do. ...	Do.	
97	78	97	78	16th June to 15th October ...	16th October to 15th February.	† Practically no replenishment was received during the kharif season. The replenishment received during the rabi season was very meagre, only one watering could be issued.
119	163	143	173	16th February to 15th October.	Do.	
...	486·45	...	486·45	16th June to 15th October ...	Do.	‡ Area under consolidated assessment.
...	...	...	...	Do. ...	Do.	
96	119	96	119	Do. ...	Do.	§ An area of 28 acres is indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
...†	74	...†	74	Do. ...	Do.	*Note by the Superintending Engineer, Central Division.*—(1) As perennial and eight months crops are irrigated during the rabi season, in order to obtain the figures of duty for the rabi season in columns 15 and 17 the areas of perennial and 8 months' crops given in statement G irrigated in the rabi season are added to areas of rabi in column 4 and the total so obtained is divided by figures of rabi discharges in columns 11 and 13. The figures in columns 16 and 17 thus represent areas actually irrigated per cusec.
...	...	...	...			
277	374	277	374	15th February to 14th October.	15th October to 14th February.	
145	161	145	161	Do. ...	Do.	
74	127	84	127	16th February to 15th October.	16th October to 15th February.	
179	269	179	269	Do. ...	Do.	
164	169	164	169	Do. ...	Do.	
100	2	100	2	Do. ...	Do.	
205	153	205	153	Do. ...	Do.	
...	...	...	...			
...	...	...	...			
177·70	132·83	177·70	132·83	15th February to 14th October.	15th October to 14th February.	
127·00	22·00	127·00	22·00	16th January to 15th October.	16th October to 15th January.	
10·00	15·00	10·00	15·00	Do. ...	Do.	
58·00	18·00	59·00	18·00	Do. ...	Do.	
20·00	109·00	20·00	109·00	Do. ...	Do.	
871·00	...	871·00	...	Do. ...	Do.	
193·00	...	193·00	...	Do. ...	Do.	
...	...	...	...			
...	...	...	...			
...	...	...	...			
...	...	...	...			

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in cubic feet per second.	Water-rate Assessed.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total, Direct and Indirect.		
			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Major Works.								
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal	37	30,091	...	30,691	...	30,691	31,885	31,460
2	Chankápur Tank—Girna Left Bank Canal	36·50	24,614	...	24,614	...	24,614	25,122	25,234
3	Lake Scale—Darna Dam ...	.....	599	...	599	...	599	6,01,527	1,90,243
	Godávari Right Bank Canal ...	182	3,45,290	...	3,45,290	...	3,45,290		
	Do. Left Bank Canal ...	79	2,40,248	...	2,40,248	...	2,40,248		
		325							
4	Nira Canal and	19·22	7,15,195	...	7,15,195	...	7,15,195	7,20,370	2,18,550
	Shetphal Tank								
		344·22							
5	Mhasvad Tank	35·38	71,280	...	71,280	...	71,280	80,266	28,783
	Total ...	.....	14,27,917	...	14,27,917	...	14,27,917	14,59,780	4,80,276
	Productive Works.								
9	Háthmati Canal and	Cusecs 34	34,267	...	34,267	...	34,267	40,982	32,792
	Khári Cut Canal	„ 63							
10	Lower Pánjhra River Works ...	4·54	12,920	...	12,920	6,521	19,441	29,840	8,368
11	Kádva River Works. Waghad Tank ...	... ...	...	...	...	...	...	1,469	
	Pálshet Canal ...	20·23	24,704	...	24,704	694	25,398	36,987	36,337
	Ojhar-T & n b s't Canal	5·37	2,746	...	2,746	...	2,746	2,965	
	Wadáli Canal ...	6·45	10,361	...	10,361	...	10,361	10,821	
12	Pravara River Works—Lákh Canal	4	1,228	...	1,228	226	1,453	1,579	2,688
13	Mutha Canals and	173							
	Mátoba Tank	11·41	2,75,332	...	2,75,332	52	2,75,384	3,40,949	1,24,065
		189·41							
14	Ekrik Tank	24·50	63,906	...	63,906	...	63,906	1,72,167	29,811
15	Krishna Canal	77·50	56,658	...	56,658	..	56,658	67,156	18,324
	Total ...	.....	4,89,022	...	4,89,022	7,292	4,96,414	6,82,805	2,52,385
	Total, Major Works ...	.....	19,16,939	...	19,16,939	7,392	19,24,331	21,42,585	7,41,661
	Minor Works and Navigation.								
16	Wangroli Tank	M.C.f. 104·20	5,999	...	5,999	3,048	14,047	14,705	7,988
17	Tranza-Nagramma Tanks ...	.....	...	...	...	11	11	818	1,412
18	Sávli Tank	M. Cf. 64·40	2,267	...	2,267	...	2,267	2,677	5,941
19	Sahiat do.	M. Cf. 17·15	207	...	207	1,797	1,504	2,042	5,798
20	Futelao do.	M. Cf. 0·79	1	...	1	...	1	214	1,554
21	Hartála do.	0·012	7	...	7	...	7	1,241	1,067
22	Mhasva do.	1·6	1,632	...	1,632	...	1,632	2,858	1,405
23	Jámda Canals	49·75	15,393	...	15,393	...	15,393	17,523	13,771
24	Parsul Tank	0·85	967	...	967	...	967	1,121	1,033
25	Pravara River Works—Pravara Left Bank Canal ...	53	48,110	...	48,110	76	48,186	48,884	39,280
26	Bhátodi Tank	1·17	3,748	...	3,748	2,163	5,911	9,379	7,885
27	Késurdi do.	.....	143	...	143	...	143	358	3,304
28	Shirsmphal do.	6·16	6,730	...	6,730	...	6,730	7,054	2,943
29	Bhádalvádi do.	4·00	2,269	...	2,269	...	2,269	10,766	1,403
30	Koregaon do.	.....	...	...	...	...	...	55	1,470
31	Ashti do.	9·58	25,989	...	25,989	...	25,989	42,113	8,171
32	Páthri do.	2·98	4,023	...	4,023	...	4,023	7,758	5,876
33	Sevári Canal	2·30	1,560	...	1,560	...	1,560	2,245	3,551
34	Upper Mán River Works ...	0·67	833	...	833	...	833	1,278	3,949
35	Yerla River Irrigation Works ..	11·56	17,414	...	17,414	...	17,414	20,219	22,247
36	Chikhli Canal	3·50	1,216	...	1,216	...	1,216	1,326	1,324
37	Maini Tank	4·24	9,106	...	9,106	...	9,106	9,376	9,370
38	Mochkundi do.	.....	...	...	...	...	...	267	2,622
39	Gadikeri do.	.....	...	...	...	2,029	2,029	2,029	550
40	Gokák Canal, 1st Section and Storage Works	37·11	53,229	...	53,229	...	53,229	77,655	10,556
41	Dámbal Tank	3·27	632	...	632	916	1,548	1,718	1,507
42	Medleri do.	4·26	590	...	590	...	590	895	805
43	Madag do.	11·66	4,034	...	4,034	...	4,034	4,388	2,129
44	Asundi do.	2·58	346	...	346	687	1,033	1,105	1,537
45	Mávinkop do.	0·66	...	...	...	2,288	2,288	2,288	2,608
46	Dharwa Canal	22·32	2,959	...	2,959	974	3,933	3,950	2,220
	Total, Minor Works ...	.....	2,24,424	...	2,24,424	16,489	2,42,913	2,99,413	1,81,619
	Grand Total ...	.....	21,41,363	...	21,41,363	25,881	21,67,244	24,41,998	9,23,280

on Canals in the Bombay Presidency, excluding Sind, during the year 1920-1921.

Area irrigated during the year.	Working Expenses.			Occupier's Rate.		Total Water-Rate, Direct and Indirect.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
11,455	98·66	2·74	850·27	2·68	829·48	2·68	829·48	Irrigation has recently been commenced and reduced water-rates are in vogue.
5,286	100·4	4·77	691·34	4·65	674·35	4·65	674·35	
231				2·59		2·59		
21,699	31·62	3·68	901·62	10·89	2,615·83*	10·89	2,615·83*	*The high rates are due to high proportion of sugarcane, which is a high rated crop on the Godavari and Nira Canals.
10,746				12·17	3,041·11*	12·17	3,041·11*	
73,779	30·31	2·96	634·91	9·69	2,077·72*	9·69	2,077·72*	
12,280	29·63	1·94	672·38	5·81	2,014·69	5·81	12,014·69	
154,456	33·51	3·16	.....	9·24	.....	9·24	...	
14,341	80·01	2·28	220·08	2·38	229·98	2·38	229·98	
665	40·15	3·3	1,849·17	5·1	2,845·81	7·68	4,282·15	
||1,864								
...				...	.....	...	.....	
3,018	74·1	6·86	885·18	8·18	845·15	8·38	865·48	
1,186				8·21	1,814·89	8·21	1,814·89	
1,092				9·48	1,606·35	9·48	1,606·35	
741	160·09	3·62	672·00	1·65	307·00	1·96	363·25	
12,610†	36·38	0·66	655·01	14·79	1,468·23	14·79	1,469·9	†Includes an area of 28 acres indirectly irrigated by underground percolation.
5,993	17·31	4·97	1,216·77	10·66	2,608·4	10·66	2,608·4	
3,466	32·05	2·15	236·44	6·68	729·78	6·68	729·78	
54,112	36·95	4·51	.....	9·03	.....	8·86	...	
||1,864								
2,08,563	34·61	3·52	.....	9·19	.....	9·14	...	
||1,864								
1,616	54·32	4·94	76·66	3·71	67·67	3·69	134·3	
...	172·61	...	.....	...	.....	...	...	
753	221·99	7·89	99·25	3·01	35·2	3·01	35·2	
71	238·93	31·66	333·97	2·91	12·07	21·18	87·65	
1	725·16	1,554·09	1,967·08	1·00	1·26	1·00	1·26	
4	85·98	266·75	88,916·66	1·75	583·33	1·75	583·33	
527	62·13	3·04	1,003·12	3·19	1,051·25	3·19	1,051·25	
5,707	78·88	2·41	276·8	2·69	309·4	2·69	309·4	‡These tanks are usually worked only during the monsoon and rabi seasons and hence the discharge given is for eight months and not for 12 months. The discharge from these tanks in the hot weather being uncertain is not accounted for.
333	92·99	2·11	1,221·17	2·9	1,187·24	2·9	1,187·24	
15,119	80·35	2·59	741·13	3·18	907·73	3·18	90917	
337	34·12	13·43	6,739·31	6·38	3,203·42	10·07	5,052·14	
84	922·9	39·33	....	1·7	....	1·7	...	
1,580	41·72	1·86	570·35	4·26	1,304·26	4·26	1,304·26	
772	40·97	5·71	1,077·75	2·92	552·32	2·92	552·32	
...	2,672·73	...	....	...	...	...	...	
5,465	18·95	1·49	852·92	6·58	3,754·59	6·58	3,754·59	
1,095	49·99	3·54	1,300·66	3·67	1,350·00	3·67	1,350·00	
436	152·62	3·37	1,537·39	3·58	678·26	3·58	678·26	
167	700·23	52·58	13,359·71	4·98	1,243·28	4·98	1,243·28	
3,879	110·93	5·73	1,224·48	4·49	1,504·4	4·49	1,504·4	
493	145·77	4·22	480·00	2·81§	320·00	2·81	320·00	
2,579	94·88	3·63	2,158·98	3·63	2,098·15	3·63	2,098·15	
§316§	946·06	7·99	...	...	...	...	...	§Water allowed free of charge under Government orders.
3355‖	27·1	1·69	...	...	...	5·13	...	
13,052	13·59	0·8	284·45	4·46	1,569·09	4·46	1,569·09	
279	91·21	3·7	479·2	2·26	193·27	3·66	473·39	‖Area under consolidated assessment.
144‖								
80	34·07	3·81	71·59	7·37	138·49	7·37	138·49	
869	48·51	2·45	182·59	4·64	345·97	4·64	345·97	
64	139·09	6·05	533·68	5·4	120·14	4·06	358·86	
190‖								
653‖	116·17	4·07	4,027·27	...	...	3·50	3,466·66	
580	56·68	0·39	100·31	5·1	132·57	0·68	176·21	
5,128‖								
66,131	80·65	2·68	.....	3·99	...	3·85	...	
6,824‖								
2,64,699	37·8	3·37	.....	3·09	...	7·92	...	
3,688‖								

STATEMENT

Statement of Quantity and Value of Crops irrigated in the Bombay

	(1) Pravara River Works—Pravara R. B. Canal.		(2) Chanda'pur Tank—Girna L. B. Canal.		(3a) Goda'vari Right Bank Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	62	993	10	375	18	629
Gardens and Orchards. — Fruits and other trees	218	42,980	77	10,546	112	1,804
Sugarcane	400	1,60,000	52	19,895	3,562	34,90,758
Cereals — Wheat	921	40,135	1,817	1,97,798	11,568	10,16,365
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	4	170	82	7,633	147	3,680
Cereals — Maize	221	5,930	107	6,299	311	15,163
Cereals — Jowár	6,510	2,84,070	81	4,395	5,144	2,54,457
Cereals — Chino, Rági, Kála, Wara	1	10	...	...	30	30
Cereals — Bájri	1,968	36,930	1,265	33,884	3,520	2,52,967
Cereals — Miscellaneous	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	523	21,130	1,180	94,732	3,405	2,47,400
Pulses — Tur	...	...	...	...	4	83
Pulses — Peas	...	...	2	100	...	...
Pulses — Groundnut	245	10,780	128	14,724	1,225	1,37,062
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	30	3,010	39	2,880	423	54,081
Fodder Crops — Lucerne, etc.	137	23,800	17	2,236	309	69,789
Fibres — Cotton	2	20	124	5,638	28	30
Fibres — Tág (Hemp)	106	1,293	...	...	137	1,926
Dyes	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	50	2,500	...	...	13	975
Drugs and Narcotics — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	19	1,267	...	...
Oil-seeds — Linseed, Castor-oil	5	75	...	...	2	100
Condiments — Chilly and Onions	45	1,590	10	585	50	1,406
Condiments — Garlic, Turmeric and Methi	7	210	22	3,004	75	2,712
Miscellaneous	...	...	...	...	231*	...
Land insufficiently irrigated	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	254	...	1,616	...
Total	11,455	6,35,626	5,288	4,55,941	31,930	55,51,007
Area on which consolidated assessment is levied	...	...	...	...	...	...

* This represents the area in the basin of Lake Beale given out for cultivation. The areas were not measured separately for each crop; hence no valuation can be made.

† Water was given for ploughing purposes.

III-E.

Presidency, excluding Sind, during the year 1920-1921.

(3a) Godavari Left Bank Canal.		(4) Nira Canal, including Sheetphal Tank.		(5) Mhaswad Tank.		(9) Hathmati Canal and Khari Cut.		(10) Lower Pánjhra River Works.		(11) Kánva River Works. Pulkhed Canal.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
17	1,451	100	50,000	67	4,660	19	1,900	23	1,481	89	3,756
37	7,241	100	50,000	128	13,050	...	...	...	...	57	5,018
2,916	27,95,915	8,220	98,64,000	186	44,600	51	7,200	...	...	250	86,747
3,136	7,57,786	400	40,000	290	16,170	298	17,880	287	7,560	491	28,601
...	...	...	...	10	288	90	3,600	...	...	...	...
68	1,564	...	...	320	12,770	11,257	5,62,850	1	5	73	10,088
121	5,002	...	...	183	11,370	...	...	...	...	5	266
1,235	93,341	38,407	57,61,050	4,751	6,61,780	45	2,700	1	40	49	1,962
...	...	...	...	12	330	1	30	...	...	...	...
1,481	1,01,822	13,000	9,10,000	163	5,930	...	...	9	190	555	29,320
...	...	...	...	...	...	...	...	...	...	...	...
1,933	1,34,735	500	30,000	158	7,630	2,407	1,20,350	8	175	167	9,075
15	386	150	15,000	6	270	2	80	...	...	...	...
...	...	...	...	8	210	...	...	79	1,515	...	...
664	65,530	5,330	6,39,600	4,690	4,40,290	...	...	196	12,053	356	1,23,930
...	...	...	...	...	...	...	...	...	...	...	...
931	23,622	200	12,000	471	18,020	...	...	1	50	16	864
231	52,361	45	9,000	...	...	...	...	...	...	28	4,164
...	...	300	30,000	363	26,550	24	2,400	24	1,150	...	...
197	2,341	20	1,000	...	...	1	80	...	...	69	2,182
...	...	...	...	...	...	...	...	...	...	...	...
5	164	20	2,000	3	195	...	...	...	...	68	9,895
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
2	30	...	...	...	...	1	60	...	...	...	...
29	3,790	1,200	1,20,000	56	2,775	7	420	...	...	213	19,857
127	2,469	...	...	...	...	11	1,100	3	175	15	1,941
...	...	...	...	390	15,770	127+	...	33	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1,606	...	5,737	...	2	5	...	...	...	...	17	...
19,746	40,49,550	73,779	1,75,33,650	12,260	12,82,663	14,341	7,20,650	665	24,394	3,018	3,37,666
...	...	...	...	...	...	...	...	1,864	1,11,642	...	...

STATEMENT

	(11) Ka'dya River Works—concluded.						(12) Pravara River Works—La'kh Canal.	
	Ojhár-Támbat Canal.		Wadáli Canal.		Wághad Tank.			
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. { Vegetables	27	1,050	19	664	...	...	7	339
Fruits and other trees ...	15	884	26	10,117	...	...	32	25,143
Sugarcane	100	31,030	147	44,145	...	...	...	...
Cereals ... { Wheat	96	4,799	148	7,411	...	...	125	5,015
Barley	...	...	...	...	...	...	...	...
Rice	1	34	14	1,267	...	...	...	...
Maize	1	46	7	296	...	...	40	1,217
Jowár	12	369	2	58	...	...	144	8,240
Chino, Rági, Rála, Wara ...	...	...	...	...	...	...	...	...
Bájri	319	12,754	281	11,238	...	...	194	9,656
Miscellaneous	...	...	...	...	...	...	...	...
Pulses ... { Gram, Udid, Mug ...	59	2,918	46	2,283	...	...	159	4,769
Tur	...	...	...	...	...	...	...	...
Peas	...	...	...	...	...	...	...	...
Groundnut	307	45,990	302	30,157	...	...	25	3,769
Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops. { Fodder	15	577	13	628	...	...	2	175
Lucerne, etc.	27	4,020	3	1,562	...	...	10	1,574
Fibres ... { Cotton	...	...	...	...	...	...	...	...
Tág (Hemp)	25	756	21	643	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. { Tobacco	1	85	...	...	...	...	2	244
Bháng	...	...	...	...	...	...	...	...
Oil-seeds ... { Mustard, Sesam	...	...	...	...	...	...	...	...
Linseed, Castor-oil ...	...	...	...	...	...	...	...	...
Condiments... { Chilly and Onions ...	144	24,107	44	5,619	...	...	1	192
Garlic, Turmeric and Methi.	2	71	19	939	...	...	...	...
Miscellaneous	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties ...	35	...	...	...	...	...	...	...
Total ...	1,186	1,29,440	1,092	1,17,022	...	...	741	60,333
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

III-E—*continued.*

(13) Mutha Canals, including Ma'tuba Tank.		(14) Ekruk Tank.		(15) Krishna Canal.		(16) Wa'kohli Tank.		(17) Tra'sza-Na-gra'mma Tanks.		(18) Savli Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
744	2,96,200	73	1,821	...	...	...	...	...	...	...	...
993	1,88,900	49	1,215	10	1,000	...	...	...	...	...	...
4,127	46,71,850	505	2,02,130	1,000	14,17,500	...	...	...	...	...	...
432	47,420	232	11,603	665	39,872	1	50	...	...	1	50
...	...	15	229	2	50	...	...	...	...	...	...
608	71,410	394	15,792	725	29,000	1,355	67,750	...	...	702	35,100
213	10,650	27	544	34	2,176	2	80	...	...	...	...
2,360	1,11,290	2,775	1,38,686	1,461	2,19,150	...	...	...	...	...	...
...	...	...	...	15	300	45	1,350	...	...	17	510
3,876	2,90,700	1	30	1,702	1,36,160	...	...	...	...	...	...
310	15,800	...	...	...	...	...	...	...	...	...	...
1,113	28,010	165	4,443	430	12,320	69	2,415	...	...	27	945
50	2,020	8	235	2	32	...	...	...	...	...	...
3	150	...	...	...	...	...	...	...	...	...	...
615	1,61,400	843	25,284	815	97,800	...	...	...	...	...	...
30	1,500	37	910	235	15,750	...	...	...	...	...	...
1,257	1,23,905	331	8,284	105	10,100	80	2,400	...	...	2	60
371	1,41,500	...	...	...	...	...	...	...	...	...	...
1	50	306	3,180	18	900	3	150	...	...	...	...
109	3,450	...	...	12	480	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
20	500	4	91	36	7,200	37	2,960	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
3	150	3	126	...	...	...	...	...	...	2	80
...	...	...	...	...	...	1	30	...	...	...	...
259	67,370	49	1,367	198	19,075	6	360	...	...	...	...
...	...	7	279	931	1,11,720	...	...	...	...	...	...
28*	1,400	28	844	70	...	17†	...	...	...	2†	...
...	...	141	...	...	...	...	...	...	...	...	...
1,148	...	...	...	...	...	...	...	...	...	...	...
18,610	62,35,625	5,933	4,17,053	8,466	21,21,085	1,616	77,545	...	...	753	36,745
...	...	...	...	...	...	...	...	...	...	...	...

* An area of 23 acres was indirectly irrigated by underground percolation from the Mutha Right Bank Canal.

	(19) Sahiat Tank.		(20) Futelao Tank.		(21) Hartála tank.		(22) Mhasva Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...	...	...
Gardens and Orchards. — Fruits and other trees	...	...	...	...	...	...	...	...
Sugarcane	...	...	...	...	...	...	...	...
Cereals — Wheat	...	...	...	...	3	30	400	7,736
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	51	2,550	1	45	...	...	...	...
Cereals — Maize	...	...	...	...	...	...	...	...
Cereals — Jowár	...	...	...	...	...	...	39	581
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	...	...	...	
Cereals — Miscellaneous	...	...	...	...	...	...	28	(A)
Pulses — Gram, Udid, Mug	...	...	...	...	...	...	56	613
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Groundnut	...	...	...	...	...	...	3	108
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	20	600	...	...	...	...	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	...	...	...	...
Condiments — Garlic, Turmeric and Methi	...	...	...	...	...	...	...	...
Miscellaneous	...	...	...	...	1	17	1	10
Land insufficiently irrigated	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	...	...	...	...
Total	71	3,150	1	45	4	47	527	9,048
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

† Water was given for ploughing purposes.

(A) No estimated value as it is uncultivated area over which canal water was allowed to run to waste.

(B) The area was charged water rates under the terms of eight Months rabi lpases without any crops having been grown.

III-E—*continued.*

(23) Ja'ripa Canals.		(24) Parsul Tank.		(25) Pravara River Works—Pravara L. B. Canal.		(26) Bha'todi Tank.		(27) Kasurdi Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
29	1,033	...	...	76	1,739	...	...	...	...
188	36,659	12	2,889	231	38,943	...	...	...	...
51	12,076	4	641	455	1,62,590	2	775	...	...
1,383	1,02,891	71	5,302	1,650	76,971	2	385	1	100
23	1,214	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
2	94	24	1,091	191	5,818	...	...	...	...
2,935	1,75,941	18	1,764	5,506	2,88,166	536	1,07,300	59	4,720
...	...	...	...	...	...	...	...	...	...
90	3,881	27	1,494	2,351	73,368	...	...	24	1,600
136	(B)	...	...	...	...	...	...	...	...
161	10,596	36	1,830	717	3,375	...	...	...	...
2	54	...	...	...	...	...	...	...	...
7	205	...	...	...	...	...	...	...	...
66	5,653	20	3,997	306	16,838	9	597	...	...
...	...	...	...	...	...	...	...	...	...
...	...	24	1,227	111	2,458	...	...	...	...
2	60	...	...	233	37,631	2	335	...	...
526	23,728	70	6,910	46	1,168	...	...	...	...
31	971	...	...	318	3,181	...	...	...	...
...	...	...	...	...	...	...	...	...	...
11	580	...	...	72	4,435	...	...	...	...
...	...	...	...	...	...	28	4,271	...	...
2	128	...	...	...	...	...	...	...	...
...	...	...	...	4	105	...	...	...	...
39	4,205	...	...	36	1,328	...	...	...	...
23	678	1	51	18	727	...	...	...	...
...	...	...	...	...	...	8	2,535	...	...
...	...	...	...	...	...	...	...	...	...
...	...	26	...	2,798	...	...	...	...	...
5,707	3,80,647	333	27,196	15,119	7,19,331	587	1,16,198	84	6,620
...	...	...	...	...	...	...	...	...	...

STATEMENT

	(28) Shirsufhal Tank.		(29) Bhádalvádi Tank.		(30) Koregaon Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...
Gardens and Orchards. — Fruits and other trees	27	5,400	6	1,200	...	...
Sugarcane	24	16,800	64	44,800	...	...
Cereals — Wheat	94	9,400	22	2,200	...	...
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	6	540	...	...	...	...
Cereals — Maize	...	...	...	...	...	...
Cereals — Jowár	860	68,800	630	50,400	...	...
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	390	23,250	1	75	...	...
Cereals — Miscellaneous	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	18	1,080	3	180	...	...
Pulses — Tur	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...
Pulses — Groundnut	27	2,160	6	540	...	...
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	10	700	3	210	...	...
Fodder Crops — Lucerne, etc.	...	...	...	...	...	...
Fibres — Cotton	59	2,950	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...
Dyes	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	1	100	...	...	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	...	...
Condiments — Garlic, Turmeric and Methi	13	1,300	5	500	...	...
Miscellaneous	51	2,225	32	1,575	...	...
Land insufficiently irrigated	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties	...	...	...	...	...	...
Total	1,580	1,40,705	772	1,01,680	...	...
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(31) Ashti Tank.		(32) Pa'theri Tank.		(33) Renvári Canal.		(34) Upper Mán River Works.		(35) Yerla River Irrigation Works.		(36) Chikhli Canal.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	3	30	...	...	...	...	...	...	...	...
34	13,395	1	100	15	3,500	1	451	58	27,900	...	...
40	21,934	...	...	...	...	11	10,560	13	7,280	21	29,767
164	10,489	13	516	111	1,164	2	100	338	27,660	...	...
...	...	...	...	...	...	...	...	2	120	...	...
123	6,716	11	336	92	2,696	10	800	72	7,776	6	240
105	9,030	1	15	...	...	...	...	...	...	3	192
3,369	5,60,075	706	28,238	33	2,952	12	1,440	1,782	2,85,120	217	32,550
...	...	3	65	1	25	11	460	63	3,024	14	280
32	1,928	...	...	3	108	48	3,840	234	18,720	20	1,680
...	...	...	...	...	...	...	...	...	...	...	...
121	9,733	2	40	24	234	3	288	713	63,494	1	50
...	...	2	20	...	...	...	...	3	192	...	...
...	...	...	...	...	...	...	...	...	...	...	...
859	95,720	325	22,743	63	3,850	47	14,100	438	52,560	65	7,800
...	...	...	...	...	...	8	1,600	54	9,050	6	600
34	5,192	...	...	...	...	1	40	...	...	1	50
...	...	...	...	...	...	...	...	...	...	...	...
558	55,668	4	177	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	82	1	12	3	250	3	120	9	1,620	1	200
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
12	1,501	6	210	20	516	7	492	93	13,380	35	3,500
...	...	17	1,427	21	1,020	3	75	6	490	38	4,560
11	64	...	...	...	...	...	...	1	...	4	...
2	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
5,465	7,21,437	1,095	53,924	436	16,315	167	34,366	3,879	5,18,886	432	81,469
...	...	...	...	...	...	...	...	...	...	...	...

	(37) Maisi Tank.		(38) Muchkundi Tank.		(39) Gadekeri Tank.		(40) Gokak Canal, & 1st Section, and Storage Works.		(41) Dambal Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. Vegetables	...	...	...	...	...	...	61	3,060	16	853
Gardens and Orchards. Fruits and other trees	21	1,900	...	...	...	...	40	5,016	2	98
Sugarcane	46	59,800	...	...	...	...	214	42,715	...	...
Cereals. Wheat	188	4,218	...	...	...	...	...	...	...	...
Cereals. Barley	...	...	...	...	...	...	524	13,112	...	...
Cereals. Rice	5	175	...	...	...	...	211	8,450	...	...
Cereals. Maize	27	648	...	...	...	...	3,094	1,23,750	...	...
Cereals. Jowár	938	12,740	...	...	...	...	2,970	1,18,800	81	5,062
Cereals. Chino, Rági, Rála, Wara...	7	175	...	...	...	...	642	9,614	...	...
Cereals. Bájri	559	33,540	...	...	...	...	390	9,754	...	...
Cereals. Miscellaneous	...	...	...	...	...	...	...	...	...	...
Pulses. Gram, Udid, Mug...	330	10,544	...	...	...	...	...	...	...	...
Pulses. Tur	...	...	...	...	...	...	652	9,778	...	...
Pulses. Peas	...	...	...	...	...	...	...	...	...	...
Pulses. Groundnut	390	5,850	...	...	...	...	260	7,796	...	...
Pulses. Miscellaneous	33	825	...	...	...	...	...	...	...	...
Fodder Crops. Fodder	...	...	...	...	...	...	...	...	...	...
Fodder Crops. Lucerne, etc.	...	...	...	...	...	...	...	...	...	...
Fibres. Cotton	...	...	...	...	...	...	933	27,992	73	6,475
Fibres. Tág (Hemp)	...	...	...	...	...	...	345	5,174	...	...
Dyes	...	...	...	...	...	...	...	...	...	...
Drugs and Narcotics. Tobacco	12	1,200	...	...	...	...	...	...	...	...
Drugs and Narcotics. Bháng	...	...	...	...	...	...	...	...	...	...
Oil-seeds. Mustard, Sesam	...	...	...	...	...	...	...	...	96	3,619
Oil-seeds. Linseed, Castor-oil	...	...	...	...	...	...	15	225	...	...
Condiments. Chilly and Onions	7	325	...	...	...	...	768	41,677	...	...
Condiments. Garlic, Turmeric and Methi	6	500	...	...	...	...	...	...	11	367
Miscellaneous	10	...	...	...	...	...	1,934	...	...	...
Land insufficiently irrigated ...	...	...	...	...	...	...	...	...	...	...
Areas sanctioned and assessed but not planted and also areas assessed for water taken out of turn and other penalties...	...	...	...	...	...	...	...	...	...	...
Total ...	2,579	1,32,440	...	...	...	...	13,052	4,26,913	279	16,474
Area on which consolidated assessment is levied	...	...	316	...	395	...	...	...	144	...

III-E—*concluded.*

(42) Medlbri Tank.		(43) Madag Tank.		(44) Asundi Tank.		(45) Mávinkop Tank.		(46) Dharma Canal.		Total.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
3	200	19	1,086	1	20	...	...	...	...	1,483	3,73,340
27	6,625	...	...	...	...	...	...	...	...	2,517	5,01,424
...	...	44	4,400	10	828	...	...	...	...	22,515	2,32,50,736
...	...	...	...	...	...	...	...	...	...	30,350	24,87,677
...	...	...	...	...	...	...	...	...	...	666	18,613
28	2,800	499	39,898	4	450	...	...	580	46,400	17,445	9,38,985
...	...	...	...	...	...	...	...	...	...	4,719	1,99,677
9	950	...	...	...	...	...	...	...	...	83,667	92,87,192
...	...	2	164	1	25	...	...	...	...	864	16,392
...	...	...	...	...	...	...	...	...	...	32,503	20,61,014
...	...	...	...	...	...	...	...	...	...	474	15,800
...	...	...	...	...	...	...	...	...	...	14,584	8,25,887
...	...	...	...	...	...	...	...	...	...	896	28,150
...	...	...	...	...	...	...	...	...	...	97	2,180
...	...	...	...	2	90	...	...	...	...	19,127	20,48,761
...	...	...	...	...	...	...	...	...	...	403	30,235
...	...	...	...	...	...	...	...	...	...	4,120	2,71,033
...	...	...	...	...	...	...	...	...	...	1,415	3,48,032
6	750	...	...	...	...	...	...	...	...	3,473	1,95,836
...	...	...	...	...	...	...	...	...	...	1,391	23,477
...	...	...	...	...	...	...	...	...	...	...	...
1	60	...	...	...	...	...	...	...	...	374	35,468
...	...	...	...	...	...	...	...	...	...	28	4,271
...	...	...	...	...	...	...	...	...	...	125	5,370
...	...	...	...	...	...	...	...	...	...	30	625
6	340	1	96	33	1,672	...	...	...	...	3,374	3,38,255
...	...	304	18,018	13	522	...	...	...	...	1,698	1,54,855
...	...	...	...	...	...	...	...	...	...	2,979	24,440
...	...	...	...	...	...	...	...	...	...	143	..
...	...	...	...	...	...	...	...	...	...	13,289	5
80	11,725	869	63,662	64	3,607	...	...	580	46,400	264,699	4,24,87,780
...	...	...	...	190	...	653	...	5,126	...	3,688	1,11,642

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years 1919-1920

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Ahmedabad ...	24,52,794	19,65,502	11,84,177	9	Hathmati Canal	28,840
					Khári Cut „	20,000
					Total ...	48,840
Kaira	10,31,891	8,62,202	7,40,595	16	Wangroli	5,000
				17	Tranja-Nagrama	1,290
				18	Savli Tank	4,700
				19	Saiat „	4,000
					Total ...	14,990
Panch Mahals ...	10,29,192	6,28,771	5,11,711	20	Fatelao Tank	1,200
West Khándesh...	34,81,206	17,34,990	12,90,657	10	Lower Pánjhra River Works ...	12,627
East Khándesh ...	29,08,684	21,25,453	19,64,026	21	Hartala Tank	527
				22	Mháswa „	4,075
				23	Jámda Canals	40,185
					Total ...	44,787
Poona District ...	34,21,450	25,39,096	18,15,902	4	Nira Canal and Shetphal Tank	227,670
				13	Mutha Canal including Mátoba Tank	49,800
				27	Kásurdi Tank	478
				28	Shirsuphal „	2,500
				29	Bhádalvádi „	2,400
					Total ...	282,848
Násik District ...	37,69,364	25,53,443	14,41,699	2	Chankapur Tank—Girna Left Bank Canal.	15,109
				11	Kádva River Works. Wághad Tank ...	...
					Kádva River Works. Pálkhed Canal ...	26,280
					Kádva River Works. Ozar-Támbat Canal	7,421
					Kádva River Works. Wadáli Canal ...	2,729
				24	Parsul Tank	3,197
				3	Godavari River Works— Lake Beale Dam ...	83,000
					Godavari River Works— Godavari Right Bank Canal ...	
					Godavari River Works— Godavari Left Bank Canal	
					Total ...	137,736
Ahmednagar District.	42,41,869	32,54,105	17,19,091	3	Godavari River Works— Godavari Right Bank Canal ...	136,390
					Godavari River Works— Godavari Left Bank Canal	
				1	Pravara Right Bank Canal	58,415
				25	Pravara Left Bank Canal	99,025
				12	Lákh Canal	25,536
				26	Bhátodi Tank	13,657
					Total ...	333,023
Sholápur District.	29,16,077	25,34,183	20,05,123	5	Mhaswad Tank	102,400
				14	Ekrúk „	16,941
				30	Koregaon „	2,394
				31	Ashti „	16,825
				32	Páthri „	4,586
					Total ...	143,146

IV-E.

and 1920-1921 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in column 6.	Area irrigated in Acres.						Rainfall.		Remarks
	1919-1920.			1920-1921.			1919-1920.	1920-1921.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
8,000	620	2,798	3,418	2,372	2,523	4,895	30·35	31·13	At Prantij.
16,000	10,572	63	10,735	9,002	444	9,446	29·96	23·88	At Ahmedabad.
24,000	11,192	2,861	14,053	11,374	2,967	14,341			
3,400	593	451	1,044	1,546	70	1,616	33·95	25·27	Rain-gauges fixed on the tanks.
800	...	...	...	...	...	...	27·58	25·21	
3,000	1,285	715	2,000	723	30	753	33·33	20·72	
2,000	141	519	660	71	...	71	33·34	20·73	
9,200	2,019	1,685	3,704	2,340	100	2,440			
800	..	49	49	1	...	1	35·28	16·25	Do
12,627	170	648	818	243	422	665	17·65	11·09	* Area under consolidated assessment.
	*1,011	*573	*1,584	*1,782	*82	*1,864			
415	6	38	44	2	2	4	25·03	14·35	
1,700	23	90	112	7	220	227	29·44	16·93	
5,000	622	972	1,595	3,866	1,839	5,707	23·48	12·19	
7,115	651	1,100	1,751	3,877	2,361	6,238			
113,280	38,952	37,738	76,690	39,364	29,638	69,002	17·43	10·94	† Area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.
4,200	3,449	2,938	6,387	3,488	1,289	4,777	22·44	13·37	
16,800	16,093	4,722	20,815	13,135	1,967	15,102	32·42	22·38	
			284			284			
3,250	1,657	2,129	3,786	1,498	1,982	3,480	18·26	8·79	
150	1	21	22	25	59	84	11·42	10·60	
1,800	330	820	1,150	542	1,038	1,580	15·27	9·24	
2,000	673	774	1,552	90	682	772	17·16	6·94	
141,480	61,560	49,042	110,602	56,142	36,655	94,797			
			284			284			
5,100	1,775	2,067	3,842	2,061	3,225	5,286	20·33	6·41	
...	...	...	...	...	...	...	...	...	
9,837	686	1,385	2,071	2,249	769	3,018	34·90	11·30	
2,367	208	530	738	970	216	1,186	33·43	10·46	
2,483	445	445	893	830	262	1,092	32·65	6·76	
1,000	564	692	1,256	287	46	333	17·20	6·55	
30,109	504	143	647	115	116	231	40·61	24·67	
	904	1,396	2,300	656	2,748	3,404	36·20	8·50	
	1,314	940	2,254	554	4,602	5,256	36·20	8·50	
50,846	6,403	7,598	14,001	7,822	11,984	19,806			
49,331	12,712	7,493	20,205	8,048	20,247	28,295	36·20	8·50	
	4,407	3,322	7,729	4,694	9,796	14,490	33·20	8·50	‡ The culturable and irrigable areas commanded as given in the Pravara River Works Project are 1,82,976 and 75,000 acres respectively. These include the old areas (culturable and irrigable) under Lakh Canal, viz. 26,536 and 22,760 acres respectively, the balance is distributed between the two Pravara Canals in proportion to the gross command which is 2,28,720 acres.
19,8831	3,869	2,266	6,135	4,027	7,378	11,405	29·14	9·06	
33,3671	3,267	2,532	10,789	6,310	3,299	15,118	29·14	9·96	
11,280	399	201	600	313	428	741	34·33	10·35	
12,124	884	842	1,425	8	579	587	31·07	11·26	
124,975	30,228	16,656	46,884	23,450	47,237	70,687			
24,300	3,166	4,761	7,927	3,974	7,597	11,571	20·01	13·59	
16,941	2,394	1,983	4,377	2,713	3,280	5,993	25·21	13·96	
1,050	...	166	166	...	...	...	12·97	10·04	
11,780	2,046	2,596	4,642	1,981	3,454	5,435	25·35	11·15	
2,500	300	352	1,152	390	705	1,095	24·40	12·58	
56,571	7,906	10,358	18,264	9,058	15,036	24,124			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Sátára	31,42,742	23,63,866	19,33,426	5	Mhaswad Tank	3,814
				15	Krishna Canal	26,458
				33	Revári ,, ...	3,224
				34	Upper Mán River Works	7,623
				35	Yerla River Irrigation Works ...	10,680
				36	Chikhli Canal	1,478
				37	Mayni Tank	4,625
					Total ...	58,297
Bijápur	32,52,911	32,31,165	26,61,910	38	Muchkundi Tank	5,417
Belgaum ...	29,52,799	22,69,748	17,08,254	39	Gadikeri Tank	687
				40	Gokák Canal, 1st Section and Storage Works	17,627
					Total ...	18,314
Dhárwár ...	29,46,986	24,14,383	21,96,832	41	Dámbal Tank	2,500
				42	Medleri ,, ...	880
				43	Asundi ,, ...	1,011
				44	Madag ,, ...	1,345
				46	Dharma Canal	12,670
					Total ...	18,556
Kánara	25,25,990	3,89,184	2,35,809	45	Mávinkop Tank	755
	49,474,454	29,309,911	21,408,112		Grand Total ...	1,120,536

IV-E.—*concluded.*

Area at present estimated as annually irrigable by the works specified in column 3.	Area irrigated in Acres.						Rainfall.		Remarks.
	1919-20.			1920-21.			1919-20.	1920-21.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
500	71	603	674	87	602	689	19·23	9·26	
12,320	3,307	2,202	5,509	5,924	2,542	8,466	18·71	17·48	
1,920	118	574	657	171	265	436	24·66	22·24	
2,030	582	945	1,533	142	25	167	16·85	10·12	
5,480	209	4,024	4,233	1,000	2,878	3,870	14·90	19·54	
1,478	320	109	429	430	2	432	18·05	13·74	
4,625	1,155	1,474	2,627	1,143	1,436	2,579	11·44	12·64	
28,403	5,761	9,931	15,692	8,903	7,745	16,648			
750	...	...	...	...	316*	316*	16·07	12·45	
417	377*	...	377*	395*	...	395*	26·28	23·30	
17,627	6,391	2,157	8,548	6,214	6,838	13,052	25·03	12·64	
18,044	6,391 377*	2,157	8,548 377*	6,214 395*	6,838	13,052 395*			
1,000	257	76	333	224	68	279	16·64	11·35	
	176*	53*	229*	144*		144*			
600	102	2	104	41	39	80	18·43	15·15	
1,011	62	15	77	64		64	12·40	13·80	
		190*	190*		190*	190*			
1,345	473	140	613	586	283	869	25·89	22·39	
12,870	304	...	304	580	...	580	74·44	59·16	
	2,747*	783*	3,530*	5,126*		5,126*			
16,826	1,698 2,923*	223 1,026*	1,921 3,949*	1,497 5,270*	375 190*	1,872 5,460*			
617	81*	...	81*	653*	...	653*	No rain-gauge.		
4,92,254	133,979	102,318	236,297 284†	132,921	131,750	264,671 284†			
	4,932*	1,599*	5,991*	8,100*	588*	8,688*			

* Area under consolidated assessment.

† Area indirectly irrigated by underground percolation from the Mutha Right Bank Canal.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1920-1921.

No.	Names of Works.	Amount due, 1920-1921.		Remissions.		Total.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	Major Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal ...	8,025	22,666	...	...	8,025	22,666	30,691	
2	Chanlapur Tank—Girna Left Bank Canal	7,919	16,694	...	...	7,919	16,694	24,613	
	Lake Beale-Darna Dam ...	302	208	...	...	302	208	510	
3	Godavari Right Bank Canal ...	1,81,287	1,64,003	...	...	1,81,287	1,64,003	3,45,290	
	Godavari Left Bank Canal ...	1,42,081	98,166	...	...	1,42,081	98,166	2,40,247	
4	Nira Canal and Shetphal Tank combined	5,43,378	1,71,818	...	...	5,43,378	1,71,818	7,15,196	
5	Mhasvad Tank	16,409	54,871	...	...	16,409	54,871	71,280	
	Total ...	8,99,401	5,28,516	...	...	8,99,401	5,28,516	14,27,917	
	Productive Works.								
9	Hatkmati and Khari Cut Canals combined	64,582	5,556	35,527*	157†	29,055	5,399	34,454	* Remission of Rs. 34,214 had to be given on account of the crops being dried up due to late transplantation and deficiency of water, and Rs. 1,313 on account of Himayat realised along with land revenue. †Remissions of Rs. 157 on account of failure of crops for want of water.
10	Lower Panjhra River Works ...	10,282	2,859	221	...	10,061	2,859	12,920	
11	Kadva River Works. { Waghad Tank ... / Palkhed Canal ... / Ojhar Tambat Canal ... / Wadali Canal	...	...	...	...	...	...	...	
		18,182	6,522	...	...	18,182	6,522	24,704	
		8,095	1,651	...	...	8,095	1,651	9,746	
		8,520	1,840	...	...	8,520	1,840	10,360	
12	Pravara River Works—Lakhi Canal	392	836	...	...	392	836	1,228	
13	Mutha Canals and Matoba Tank combined	2,60,831	25,959	...	...	2,60,831	25,959	2,86,790	
14	Ekruk Tank	40,024	23,883	...	...	40,024	23,883	63,907	
15	Krishna Canal	43,446	12,917	...	...	43,446	12,917	56,363	
	Total ...	4,54,354	82,023	35,748	157	4,18,606	81,866	5,00,472	
	Total, Major Works ...	13,53,755	6,10,539	35,748	157	13,18,007	6,10,382	19,28,389	
	Minor Works and Navigation.								
16	Wargroli Tank	6,426	141	...	...	6,426	141	6,567	
17	Tranja-Nagramma Tanks ...	...	...	...	...	...	...	...	
18	Savli Tank	2,840	59	511‡	17	2,329	42	2,371	‡ Remission of Rs. 530 had to be given on account of the crops being dried up due to late transplantation and deficiency of water and Rs. 21 on account of himayat realized along with land revenue.
19	Sobat do.	207	..	...	...	207	...	207	
20	Futcho do.	1	...	...	...	1	...	1	
21	Hartala do.	3	4	...	...	3	4	7	
22	Mhasva do.	24	1,658	...	...	24	1,658	1,682	
23	Jamda Canals	9,516	5,877	...	...	9,516	5,877	15,393	
24	Parsul Tank	883	84	...	...	883	84	967	
25	Pravara River Works—Pravara Left Bank Canal	20,988	27,122	...	...	20,988	27,122	48,110	
26	Bhatodi Tank	25	3,723	...	...	25	3,723	3,748	
27	Kasurdi do.	24	118	...	...	24	118	142	
28	Shirsuphal do.	2,738	3,992	...	...	2,738	992	6,730	
29	Bhadalvadi do.	571	1,688	...	...	571	1,688	2,259	
30	Koregaon do.	...	...	...	...	...	...	...	
31	Ashti do.	17,385	18,585	...	...	17,385	18,585	35,970	
32	Patari do.	2,600	1,423	...	...	2,600	1,423	4,023	
33	Revari Canal	426	1,189	10	36	426	1,153	1,559	
34	Upper Man River Works ...	371	462	...	...	371	462	833	
35	Terla River Irrigation Works ...	2,751	14,627	3	7	2,748	14,620	17,408	
36	Chikhli Canal	1,110	106	...	...	1,110	106	1,216	
37	Maini Tank	2,402	6,704	...	...	2,402	6,704	9,106	
38	Muchkundi Tank	...	...	...	...	...	...	...	
39	Gatikari do.	...	...	...	...	...	...	...	
40	Gorak Canal, 1st Section, and Storage Works	27,617	30,612	...	...	27,617	30,612	58,229	
41	Dambal Tank	327	305	...	...	327	305	632	
42	Medigri do.	441	149	...	...	441	149	590	
43	Madag do.	2,413	1,621	...	...	2,413	1,621	4,034	
44	Asundi do.	315	...	...	...	315	...	315	
45	Mavinkop do.	...	...	...	...	...	...	...	
46	Dharma Canal	2,937	...	28	...	2,909	...	2,909	
	Total, Minor Works ...	1,05,411	1,20,269	652	60	1,04,759	1,20,209	2,24,968	
	Grand Total ...	14,59,166	7,30,808	36,400	217	14,22,766	7,30,591	21,53,357	

STATEMENT I-F.

Statement showing water-rates per acre in force during 1920-1921 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Names of Works.	WATER-RATES.						Single water.	Occupier's rate.	Owner's rate.	Water-advantage.	Remarks.
		Irrigation in blocks.	Perennial.	Early eight months.	Monsoon four months.	Rabi four months.	Hot weather.	Miscellaneous					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
	Protective Works												
1	Pravara River Works—Pravara Right Bank Canal.(a) §	...	...	5	2	3	4	...	1				(a) Sanctioned till an assured supply of water can be given from the Reservoir at Bhandardara, *vide* Government Resolutions No. A.I.—1909, dated 1st September 1910, No. A. I-2326, dated 9th March 1913 and No. A.I.—10837, dated 2nd November 1917.
2	Girna Left Bank Canal. (b) §	...	14	6	3	5	6	...	1 *2				(b) Rates sanctioned in Government Resolutions Nos. A.I.—1431 and 1694, dated 26th June 1920 and 4th October 1911 respectively.
3	Godavari Right Bank Canal (c) §	...	22½	12	3	5	7	...	(1A) 1				(c) Sanctioned in Government Resolution No. A. I.—6911, dated 27th June 1917, for a period of 6 years ending 14th February 1924.
	Godavari Left Bank Canal (c) §								(1B) 2				The rate of Re. 1 per acre for lands let on cat for cultivation in the basin of Lake Beale, sanctioned in G. R. No. A.I.—7200, dated 9th August 1919, is to continue up to the 1st June 1925, *vide* Government Order No. A. I.—11746, dated 10th June 1920.
4	Nira Canal (c)	†† 20	A 48 B 30 † 224	13	3	5	7	...	(c) 1 *2				(A) From 16th June to 14th February for ordinary crops and (B) from 15th February to 15th June for ordinary crops and for Sugarcane and Fan gardens throughout the whole year as sanctioned in Government Resolutions No. A.I.—1720, dated 20th July 1911 and No. A.I.—4514, dated 16th May 1912.
	Shelphal Tank (c)												A For Sugarcane.
	Mhasvad Tank § (c)... ...	...	14	8	3	5	6	...	1				B For Fan gardens.
	Productive Works.												† For Perennial crops other than Sugarcane and Fan gardens.
9	Hathmati Canal (m) ...	...	10	3	1	3	6	...	3				* For Sugarcane and Fan gardens.
	Khari Cut Canal (m) § ...	...	14	7	1	5	6	...	2				(d) Sanctioned in Government Resolution No. A.I.—12067, dated 11th December 1918, until an improved supply of water from Lake Arthur Hill is available.
10	Lower Pánjhra River Works (f)	...	...	6	2	4	6	...	1				‡ This rate is levied *in proportion to the time for which water is supplied*, according to the scale laid down in Note (e) to the schedule attached to Government Resolution No. A.I.—2383, dated 16th October 1919, *vide* Government Resolution No. A.I.—9707, dated 27th May 1919.
11	Kádva River Works Old Girna Tunnel Canal. § (g). (Pátkhol Canal ... Wadali Canal ...	...	15	8	3	5	7	...	(D) 1 (D) 2	Nil.	Nil.	Nil.	(e) Rates sanctioned for a period of 5 years ending 15th February 1924, *vide* Government Order No. A. I.—11453, dated 28th August 1919.
12	Pravara River Works—Lakh Canal (h)	...	8	4	½	3	4	...	...				(C) For monsoon and rabi seasons.
	Sugarcane under the Matha Canal within the Poona City and Sebruton Municipality and Cantonment limits or within one mile of those limits.		50										(D) For hot weather.
13	Sugarcane on all remaining land commanded by both the canals.	...	45	12	3	5	7	...	1 *2				(A) Sanctioned in Government Resolution No. A.I.—2326, dated 9th November 1916.
	Sugarcane under the Matoba Tank.		45‡										(B) Sanctioned in Government Order No. A.I.—16038 dated 6th December 1915, for 10 years ending 15th June 1926.
	Pán gardens		80										(c) Rates sanctioned in Government Resolution No. A.I.—1230, dated 8th September 1919, are continued up to 15th June 1923, *vide* Government Order No. A.I.—2000, dated 14th September 1917 and Government Resolution No 226, dated 7th April 1923.
	Perennial crops other than Sugarcane and Fan gardens.		22½										(g) Rates sanctioned in Government Resolution No. A.I.—1122, dated 13th May 1910, are to continue up to 31st July 1923, *vide* Government Resolution No. A. I.—10155, dated 14th September 1916 and Government Resolution No. 932, dated 7th April 1923.
14	Shirbi Tank (g) § ...	...	17½	8	3	5	7	...	1				(c) Rates sanctioned in Government Resolution No. A.I.—1230, dated 14th June 1910 are to continue up to 15th June 1923, *vide* Government Resolutions Nos. A. I.—257, dated 10th January 1916 and No. 315, dated 7th April 1923.
15	Krishna Canal (n) (S) ...	...	(a) 151 (B) 16‡ (c) 30* (D) 22*	8	3	5	(a) 7 (B) 8	...	1 *2				
	MINOR WORKS AND NAVIGATION.												
16	Wangmti Tank (c)	...	...	6½	2½	4	6	For rice 4	● 1½				
17	Tranxe-Nagramma Tanks (p)	...	...	6	2	4	6	For rice 4	1				
18	Savli Tank (q)	...	...	8	4	4	6	...	1				

Notes—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.

(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A.I.—879, dated 28th January 1912 and No. A.I.—7694, dated 31st July 1916.
(5) Re. 2 per acre is to be charged for single watering given to those who are not regular irrigators or holders of rabi-leases *vide* Government Resolution No. A.I.—1789, dated 6th July 1916 and Government Order No. A.I.—2235, dated 3rd March 1916.

§ For Sugarcane and Fan gardens double the ordinary rates are charged.

STATEMENT I-F—*concluded.*

No.	Names of Works.	WATER-RATES.							Single water.	Occupier's rate.	Owner's rate.	Water service tax.	Remarks.
		Irrigation in blocks.	Perennial.	Early eight months.	Mon-soon four months.	Rabi four months.	Hot weather.	Miscel-laneous.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MINOR WORKS AND NAVIGATION—*concluded.*	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.				
19	Bahini Tank (r)	...	...	...	6½	2¼	4	6	For rice 4	1½			(r) Rates sanctioned in Government Resolution No. A.I.—309, dated 15th February 1911, are to be in force up to 31st March 1923, *vide* Government Order No. A.I.—6451, dated 25th June 1918.
20	Putsino Tank (s)††	...	...	...	Rice up to end of October 4, Other Kharif 2	(G) 3 (H) 2	Provisional 8	...	(K) 1				(s) Rates sanctioned for a period of 4 years ending 31st March 1921 *vide* Government Order No A.I.—9945, dated 12th October 1917. (G) For ordinary Rabi. (H) For restrictive crops grown after rice. (K) In either Kharif or Rabi season. †† This tank is to be managed specially for Kharif and Rabi irrigation; but if water is supplied for sugarcane and perennial crops in the Kharif and Rabi seasons double the ordinary rates, viz., Rs. 4 and 6 per acre, respectively, will be charged.
21	Harisla Tank (t)	...	{ 9 / 1 13 }	5	3	3	4	...	{ 1 / 1½ }				(t) Sanctioned for a period of 2 years ending 31st March 1921, *vide* Government Resolution No. A.I.—171, dated 8th January 1919.
22	Mhasva Tank (t)	...	{ 9 / 1 13 }	5	3	3	4	...	{ 1 / 1½ }				
23	Jámda Canals (t)	...	{ 10 / 1 14 }	5	3	3	5	...	{ 1 / 1½ }				‡ Sugarcane and Pán gardens to be charged double the seasonal rate except that the perennial rates for these crops should be Rs. 12 on Harisla and Mhasva tanks and Rs. 16 for Jamda canals.
24	Parwi Tank (j)	...	...	7	2	5	8	...	1				(j) Rates sanctioned in Government Resolution No. A.I.—1764, dated 10th August 1916, up to 14th June 1921. Water is not to be reserved for perennial irrigation.
25	Pravara River Works—Pravara Left Bank Canal. (k)	...	...	5	2	3	4	...	1				
26	Bhándi Tank(l) (u)	...	14½	(l) 6½ / (l) 8½	2½	(l) 4 / (l) 6	8	...	1				(k) Sanctioned in Government Resolutions No. A.I.—1400, dated 8th June 1909, and No. A.I.—2251, dated 24th August 1909, in force until an improved supply is provided by the storage work of the Pravara River project, *vide* Government Resolution No. A.I.—10037, dated 2nd November 1917.
27	Kásardi do. § (d)	...	...	6½	2½	4	6	...	{ 1 / † 2 }				(l) In force till 16th October 1920, *vide* Government Resolution No. A. I.—13135, dated 20th November 1914, and (l) from 16th October 1920 to 15th October 1922, as sanctioned in Government Order No. A.I.—9229, dated 29th March 1921.
28	Shirsuphal do. § (d)	...	...	6½	2½	4	6	...	{ 1 / † 2 }				
29	Bhádalvádi do. §(d)	...	...	6½	2½	4	6	...	{ 1 / † 2 }				(d) Rates sanctioned for 10 years from 16th February 1911 to 15th February 1921, *vide* Government Resolution No. A. I.—2214, dated 15th October 1910. † For Sugarcane and Pan gardens
30	Koregaon do. §(e)	...	16	7	3	4	6	...	1				(e) Rates to be in force up to 15th February 1925, *vide* Government Resolution No. A.I.—9705, dated 4th October 1918.
31	Ashti do. §(c)	...	16	7	3	4	6	...	1				(c) Sanctioned for a term of 10 years or up to 15th June 1920, *vide* Government Resolution No. A.I.—2256 of 1913 November 1910.
32	Páthri do. §(c)	...	16	7	3	4	6	...	1	Nil.	Nil.	Nil.	(*c*) Sanctioned in Government Order No. A.I.—16033, dated 8th December 1911. * For Perennial crops other than Sugarcane and Pan gardens.
33	Revári Canal (v) (*m*)	...	{ * 12 / † 24 }	6	2	4	6	...	{ 1 / † 2 }				(*v*) From 1st October 1919 all water rates are abolished for a period of two years (*vide* Government Order No. A. I.—9480, dated 22nd September 1919). (*m*) Sanctioned for a period of 5 years ending 31st March 1925 (*vide* Government Order No. A.I—9465, dated 9th July 1919).
34	Upper Man River Works (*n*) (*o*)	...	{ * 12 / † 24 }	6	2	4	6	...	{ 1 / † 2 }				(†) For the whole year. (*n*) For Sugarcane irrigated between 15th June and 14th February.
35	Yerla River Irrigation Works (*p*) (*q*)	...	(*p*) *12 (*p*) *12 (*q*) 24 (*m*) 12	(*n*) 6 / (*m*) 6	3	(*p*) 4 (*p*) 6 (*m*) 4½	(*p*) 6 (*p*) 8 (*m*) 6½	...	{ 1 / † 2 / 1 }				(*y*) Land assessed at consolidated rates.
36	Chikhli Canal (*r*) (*m*)	...	{ * 12 / † 24 }	6	2	4	6	...	{ 1 / † 2 }				
37	Maini Tank (*s*) (*m*)	...	{ * 12 / † 24 }	6	2	4	6	...	{ 1 / † 2 }				
38	Mnohkundi Tank (*t*)	...	...	...	...	...	...	...	...				
39	Gadikeri do (*u*)	...	...	...	...	...	...	...	...				
40	Gokak Canal, 1st Section, and Storage Works (*u*)	...	{ (i) 22 / (ii) 16 }	8	3	5	15	...	1				(*u*) Sanctioned for a period of 5 years ending 31st March 1925, *vide* Government Order No. A.I.—11043, dated 6th September 1919. ¶ For Sugarcane, Betel-leaf, Cocoanut trees, &c., &c.
41	Dambal Tank(*a*)	...	¶ 14	o6 / 07½	*a* 4	*a* 4½	*f* 7	...	*e* 1 / *g* 2				*a* From 15th June to 15th February.
42	Mollori do.(*b*)	...	¶ 14	o6 / 07½	*c* 4	*c* 4½	*f* 7	...	*e* 1 / *g* 2				*b* „ 15th October to 15th June or 1st August to 31st March.
43	Madag do.(*c*)	...	¶ 10	o6 / 07½	*c* 4	*c* 4½	*f* 7	...	*e* 1 / *g* 2				*c* „ 15th June to 14th October or 16th July to 30th November.
44	Asundi do.(*d*)	...	¶ 14	o6 / 07½	*c* 4	*d* 4½	*f* 7	...	*e* 1 / *g* 2				*d* „ 16th October to 15th February.
45	Mávinkop do. (*e*)	...	...	...	...	...	...	...	...				*e* „ 15th June to 15th October.
46	Dharwa Canal (*e*)	...	...	...	3	...	...	...	...				*f* „ 16th October to 14th June.
													g „ 15th February to 15th June.
													e Rates sanctioned up to 31st March 1922, *vide* Government Order No. A.I.—8435, dated 27th August 1918.

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.
(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A. I.—879, dated 25th January 1912, and No. A.I.—7004, dated 31st July 1916.
(5) Re. 1 per acre to be charged for single watering given to those who are not regular irrigators or holders of rabi leases, *vide* Government Resolution No. A.I.—1789, dated 6th July 1906, and Government Order No. A.I.—2485, dated 3rd March 1916.

§ For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT G.

Statement showing Areas and Water-rate Assessments in the Bombay Presidency fixing the Scale

No.	Names of Works.	Irrigation in Blocks.		Perennial.		8 Months.		Monsoon—4 Months.		Rabi—4 Months.	
		Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.	Acres.	Assessment.
	Major Works.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	Protective Works.										
1	Pravara River Works—Pravara Right Bank Canal	...	...	735	3,419	814	1,276	3,155	4,717	3,977	21,869
2	Chaukapur Tank—Girna Left Bank Canal	...	...	70	1,459	293	1,773	1,468	4,618	3,189	15,543
3	Darna Dam—Lake Basin ... ... Godavari Right Bank Canal ... ... Left Bank Canal	...	...	3,963	3,63,960	1,695	12,769	4,616	15,291	21,081	1,42,727
4	Nira Canal, including Shetphal Tank.	14,272	2,68,500	5,184	4,33,812	628	2,231	2,370	10,461	12,408	83,036
5	Mhaswad Tank	...	...	4,537	1,57,157	4,824	50,121	10,154	31,307	10,338	1,28,413
		...	...	815	3,113	5,435	23,854	305	1,508	5,220	34,029
	Total ...	14,272	2,68,500	12,260	4,29,460	13,287	1,11,977	21,922	68,902	80,727	4,63,556
	Average rate ...	...	20·00	...	35·43	...	9·36	...	3·14	...	5·99
	Productive Works.										
9	Hathmati and Khari Cut Canals combined	...	...	...	...	...	...	11,330	64,370	2,067	5,550
10	Lower Pánjhra River Works	...	...	21	249	200	1,194	35	46	575	1,678
11	Kévna River Works. { Walchal Tank ... ... Pálkhed Canal ... ... Ojhar-Támbus Canal ... ... Waddli Canal	...	...	...	...	...	...	...	...	...	...
		...	...	391	5,016	1,279	10,091	662	2,289	747	5,766
		...	...	129	2,113	476	3,765	354	1,218	176	1,961
		...	...	172	4,591	300	3,697	308	1,024	214	1,416
12	Pravara River Works—Lift Canal ...	...	...	42	112	37	110	240	185	416	901
13	Mutha Canals { Within the Poona City, Suburban Municipal and Cantonment limits or within one mile of those limits	...	...	1,226	49,199						
		...	...	4,833	1,46,477						
		...	...	10	133						
				6,071	1,95,808	1,008	12,441	4,246	18,169	5,719	31,251
	Mitoba Tank	...	...	373	10,181						
				6,244	2,05,988						
14	Ekruk Tank	...	...	554	20,307	1,033	18,594	189	574	3,945	22,639
15	Krishna Canal	...	...	7,018	25,017	1,220	7,583	2,742	11,180	3,816	19,223
	Total ...	...	...	8,421	2,55,531	6,951	60,104	19,850	94,022	17,873	83,331
	Average rate ...	...	...	...	31·0	...	8·70	...	4·73	...	4·76
	Minor Works and Navigation.										
16	Wangroli Tank...	...	...	...	...	...	...	1,446	5,868	70	161
17	Vranza-Nagrauma Tanks	...	...	...	...	...	...	...	...	...	...
18	Savli Tank	...	...	...	...	...	...	723	2,528	30	69
19	Sahisi do.	...	...	...	...	...	...	61	207	...	...
20	Futsiso do.	...	...	...	...	...	...	1	1	...	...
21	Harisoh do.	...	...	...	...	1	4	...	...	1	1
22	Mhasva do.	...	...	...	...	2	10	...	10	456	1,559
23	Jamda Canals	...	...	46	627	1	3	3,627	8,013	1,336	5,817
24	Parsul Tank	...	...	16	140	22	150	97	232	149	213
25	Pravara River Works—Pravara Left Bank Canal	...	...	919	13,338	536	1,426	5,377	9,023	8,293	25,205
26	Bhátodi Tank...	...	...	...	...	97	324	...	...	838	2,405
27	Kánudi do.	...	...	...	...	...	...	25	25	58	116
28	Shirsuphal do.	...	...	43	603	101	613	603	1,607	922	4,095
29	Bhádvalvádi do.	...	...	70	511	6	24	18	27	823	1,602
30	Koregaon do.	...	...	...	...	...	...	...	...	...	...
31	Ashti do.	...	...	76	2,015	1,741	14,451	38	192	4,484	15,535
32	Pithi do.	...	...	...	...	383	2,686	7	14	105	1,423
33	Rowat do.	...	...	16	110	49	340	234	936	138	276
34	Upper Mán River Works	...	...	13	172	74	450	20	90	60	121
35	Yerla River Irrigation Works	...	...	71	1,035	648	4,117	2,317	11,531	342	692
36	Chikali Canal	...	...	31	235	78	176	5	17	215	627
37	Mainl Tank	...	...	67	762	19	120	1,064	3,072	1,439	6,002
38	Mushirund do.	...	...	...	...	...	...	...	...	...	...
39	Gadikari do.	...	...	...	...	...	...	...	...	...	...
40	Gokak Canal, 1st Section, and Storage Works	...	...	254	4,992	1,132	9,033	3,947	11,607	5,953	28,679
41	Dhámal Tank	...	...	2	24	2	60	...	...	24	312
42	Medhri do.	...	...	28	356	3	9	9	36	23	109
43	Mádag do.	...	...	44	676	23	175	573	2,931	129	1,063
44	Asrud do.	...	...	10	58	1	10	45	194	...	...
45	Mávinkop do.	...	...	...	...	...	...	...	...	...	...
46	Dharna Canal	...	...	...	...	...	...	250	3,950	...	...
	Total ...	...	...	1,992	24,376	4,587	34,040	21,114	60,568	25,523	99,229
	Average rate ...	...	...	...	12·5	...	7·39	...	2·87	...	3·88
	Grand Total ...	14,272	2,68,500	23,023	7,19,367	29,084	2,05,521	62,903	3,23,492	1,32,320	8,84,745
	Average rate ...	...	20·00	...	31·24	...	9·2	...	5·55	...	6·38

G.

excluding Sind, during 1920-1921, according to the system of classification adopted in of Water-rates.

Hot Weather.		Miscellaneous.		Grand Total.		Remarks.
Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	
54	221	...	...	11,455	30,621	
38	254	252	366	5,286	24,613	* This represents the area in the basin of Lake Beale let out for cultivation.
...	...	231*	600	231*	600	
326	3,303	...	...	31,600	3,48,070	
156	1,673	...	...	19,746	2,40,247	
222	1,636	9,179	32,002	73,779	7,15,196	
534	3,663	391	5,099	12,200	71,250	
1,330	10,755	10,052	38,567	1,54,456	14,97,607	
...	8·09	...	3·63	...	9·24	
44	211	...	...	14,341	70,157†	† Remission of Rs. 34,214 had to be given on account of the crops being dried up due to late transplantation and deficiency of water, and Rs. 1,818 on account of Himayat realized along with land revenue, in Kharif season.
1	7	23	266	555A	3,440B	
...	...	...	...	...	...	
17	124	18	535	3,618	24,704	Do. of Rs. 157 on account of failure of crops for want of water in Rabi season.
15	132	85	437	1,186	9,746	A.—Exclusive of 1,864 acres of mamul Bagayat area.
13	87	1	205	1,092	10,350	B.—Exclusive of Rs. 9,480 on account of enhanced water rates on old works.
...	...	...	...	741	1,228	
329	2,481	380	2,031	19,582 / 281	2,73,400	‡ An area of 98 acres is indirectly irrigated by underground percolation from the Muthu Right Bank Canal and hence it cannot be classified in respect of different crops. The revenue realized therefrom is Rs. 52.
339	3,113	179	670	6,493	53,207	
23	139	65	388	8,463	56,558	
831	6,293	716	4,582	54,084 / 281	5,13,480	
...	7·57	...	6·43	...	9·49	
101	577	...	...	1,616	6,576	
...	...	...	...	...	...	
...	...	...	...	752	2,805§	§ Remission of Rs. 590 had to be given on account of the crops being dried up due to late transplantation and deficiency of water and Rs. 21 on account of himayat realized along with land revenue in Kharif.
20	121	...	...	71	326	
...	...	...	...	1	1	Do. of Rs. 17 on account of failure of crops for want of water in Rabi.
...	...	2	2	4	7	
1	5	64	128	527	1,682	
144	880	54	83	5,707	15,263	
24	207	25	25	333	967	
19	68	...	...	15,119	48,110	
2	7	...	...	557	3,748	
...	...	...	...	34	143	
...	...	5	13	1,530	6,686	
...	...	1	2	773	2,229	
...	...	...	...	...	...	
117	711	10	20	6,465	35,989	
...	...	...	...	1,995	4,032	
4	24	...	...	436	1,606	
...	...	...	...	107	883	
...	...	1	4	3,370	17,419	
6	26	4	17	433	1,216	
...	...	10	150	2,579	9,106	
...	...	...	...	...	...	
...	...	...	...	...	...	
109	919	1,941	3,196	13,022	58,239	
3	21	243	312	270	831	
0	49	15	31	80	250	
...	...	...	...	869	4,054	
7	52	...	1	64	315	
...	...	...	...	...	...	
...	...	...	...	580	2,969	
623	3,637	2,375	3,935	56,131	2,25,625	
...	6·46	...	1·68	...	4·02	
2,724	20,685	13,137	47,134	2,64,671 / 281	21,66,802	
...	7·59	...	3·58	...	8·18	

STATEMENT

Statement showing operations of the year 1920-1921

Number.	Names of Works.	Amount of Estimate, Direct and Indirect.	Capital Outlay, Direct and Indirect. During 1920-1921.	Capital Outlay, Direct and Indirect. To end of 1920-1921.	Length of Canal.	Length of Distributaries.	Area under Command. Gross.	Area under Command. Irrigable at present.
1	2	3	4	5	6	7	8	9
	Major Works. *Protective Works.*	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
1	Pravara River Works—Pravara Right Bank Canal	1,16,70,592	11,73,389	1,05,04,369	33·00*	13·00*	78,763	19,383
2	Chankápur Tank—Gima Left Bank Canal	20,27,083	39,607	19,91,433	16·00*	10·80*	18,982	5,100
3	Lake Beale (Darna Dam) ... ... Godávari Right Bank Canal ... Godavari Left Bank Canal ...	1,01,47,321	50,965	1,01,60,670	69·00* 48·00*	47·25* 15·25*	144,310 88,080	49,231 30,108
4	Nira Canal, including Shetphal	89,49,937† 5,06,934†	32,188	65,93,317	105·79	139·00	274,447	117,480
5	Bhasvad Tank	27,84,496†	...	20,96,016	66·25	43·26	129,045	24,800
	Total ...	3,63,94,883	12,96,148	3,13,45,805	339·04	268·86	728,627	246,203
	Productive Works.							
9	Háthmati and Khári Cut Canals combined	7,62,302† 6,10,329	...	13,15,973	21 39	53 29·50	44,744 32,000	8,000 16,000
10	Lower Pánjhra River Works ...	7,04,681†	...	4,68,021	...	45	13,117	12,627
11	Kádva River Works ... Wághad Tank ... Pálkhed Canal ... Ojhar Támbat Canal Wadáli Canal ...	7,01,780† 4,62,402† 17,786† 63,461†	...	10,34,191	... 11·00 4·50 3·62	... 14·36	... 28,832 3,056 3,486	... 9,837 2,367 9,433
12	Pravara River Works—Lakh Canal ...	7,60,764†	...	3,71,891	23·00	9·37	29,913	11,260
13	Matha Canals, including Mátobe Tank	1,23,73,702† 2,10,500	5,809	65,39,958	83·00	64·00	104,787	20,050
14	Ekruk Tank	21,52,580†	...	15,40,386	48	1·08	17,169	16,941
15	Krishna Canal	15,60,896†	...	9,44,459	63·87	...	25,227	12,320
	Total ...	2,04,63,252	5,809	1,30,15,474	302·99	230·91	310,413	111,955
	Total, Major Works ...	5,68,63,115	13,01,952	4,43,61,279	646·03	506·67	1,039,040	358,068
	Minor Works and Navigation.							
16	Wángroli Tank	2,48,544	...	2,20,230	17·26	...	5,000	2,400
17	Trimza-Nagrámma Tanks	3,12,784	...	2,80,036	7·60	...	1,500	800
18	Sévi Tank	2,49,723	...	3,55,210	8·35	1·32	4,700	2,000
19	Sahint do.	1,86,782	...	1,84,029	9·25	1·79	4,000	2,000
20	Futeho do.	1,10,785	...	1,16,451	3·99	...	1,500	800
21	Hartála do.	75,940	...	73,382	...	5·50	554	416
22	Mhasva do.	1,40,015	...	1,38,266	...	7·00	4,847	1,700
23	Jámda Canals	10,88,640	...	10,41,089	39	75·00	46,288	5,000
24	Parsul Tank	2,28,612	...	2,14,995	...	4·75	3,337	1,000
25	Pravara River Works—Pravara Left Bank Canal	3,48,211	...	3,47,550	47·12*	33·25*	125,044	32,857
26	Bhátodi Tank	3,78,278	...	3,79,707	4·50	5·50	15,126	12,124
27	Késurdi do.	45,590	...	45,590	...	1·75	507	150
28	Shiraphal do.	2,22,282	...	2,26,668	...	12·50	4,500	1,800
29	Bhádalwádi do.	2,33,724	...	2,27,429	...	9·75	3,000	2,000
30	Koregaon do.	42,049	...	39,189	3·75	...	2,394	1,050
31	Ashti do.	8,34,927	...	8,36,091	27·50	3·15	17,882	11,760
32	Pádhri do.	6,72,856	...	6,42,246	4·66	3·33	5,000	2,500
33	Ravári Canal	59,448	...	59,511	10·25	...	3,813	1,920
34	Upper Man River Works	4,44,681	...	4,39,236	17·50	6·50	8,443	3,080
35	Yeola River Irrigation Works...	7,45,314	...	7,64,870	33·33	4·00	11,234	5,480
36	Chikhli Canal	57,115	...	57,442	6·50	...	1,271	1,478
37	Masai Tank	3,20,492	...	4,87,650	9·25	7·58	4,876	4,625
38	Machkundi do.	1,68,420	...	1,68,707	5·50	2·25	5,570	750
39	Gadikari do.	17,631	...	16,918	...	1·50	637	417
40	Gokak Canal, 1st Section and Storage works	15,40,882	...	13,81,322	16·13	35·49	18,668	17,627
41	Dambal Tank	64,966	...	62,980	...	3·27	3,000	1,000
42	Modlari do.	81,705	...	81,392	...	5·64	1,916	600
43	Madag do.	2,40,407	...	1,67,698	9·00	...	2,851	1,345
44	Asandi do.	80,485	...	74,995	...	4·86	1,800	1,011
45	Mávinkop do.	34,884	...	33,504	...	2·79	872	617
46	Dharma Canal	98,334	44	97,882	27·15	3·71	13,562	12,870
	Total, Minor Works ...	94,41,545	44	92,24,557	307·59	302·12	324,262	134,196
	Grand Total ...	6,63,04,660	13,01,996	£35,85,836	953·62	807·69	1,363,302	492,264

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	Area. Applied for.	Area. Irrigated.	Amount of gross Assessment.	Realisations.	Working Expenses.	Net Revenue.	Remarks.
10	11	12	13	14	15	16	17	18
Inches.		Acres.	Acres.	Rs.	Rs.	*Rs.	Rs.	
9·06	37	14,497	11,455	31,885	14,764	31,460	—16,696	*As actually completed.
6·41	36·50	5,500	5,286	25,132	19,632	25,234	—5,602	
24·57	.....	231	231					
8·50	182	33,953	31,699	6,01,627	3,81,563	1,90,243	1,91,320	
8·60	79	21,211	19,746					
10·94	325	(Information not available.	73,779	7,20,870	9,49,997	2,18,550	7,31,057	
13·37	19·22							
9·96	35·38	...	12,260	80,266	49,414	23,789	25,625	
...	.....	75,331	164,456	14,50,780	14,14,980	4,89,276	9,25,704	
31·13	84	3,571	4,895	40,982	41,903	32,792	9,111	†Includes interest charges during construction. ‡Area under consolidated assessment.
33·88	65	11,382	9,445					
11·09	4·54	580	865	20,340	17,990	8,368	9,622	
...	.....	...	1,884‡					
11·90	29·23	2,863	3,018	49,033	46,159	36,337	9,822	
10·46	5·37	1,260	1,186					
8·76	6·45	1,375	1,093					
10·35	4	1,077	741	1,079	1,229	2,088	—1,459	
22·88	178	(Information not available	16,010§	3,40,949	3,53,996	1,24,065	2,29,031	§Includes an area of 33 acres indirectly irrigated by underground percolation.
8·79	11·41							
13·08	24·50	6,000	5,993	1,73,167	1,35,470	29,811	1,05,659	
17·48	77·50	8,550	8,466	57,156	35,559	18,324	17,235	
...	.....	36,584	54,113	6,52,805	6,30,306	2,52,385	3,78,421	
			1,864‡					
...	.....	111,915	208,568	21,43,586	20,45,786	7,41,661	13,04,125	
			1,864‡					
25·27	M. c. ft. 104·20	1,621	1,616	14,705	14,537	7,988	6,549	
25·21	.....	...	.....	818	843	1,412	—569	
20·72	M. c. ft. 64·40	913	753	2,677	7,266	5,941	1,325	
20·73	M. c. ft. 17·15	161	77	2,042	2,359	5,799	—3,439	
16·25	M. c. ft. 0·79	3	1	214	363	1,554	—1,191	
14·85	0·012	4	4	1,241	1,299	1,067	232	
16·53	1·6	512	527	2,583	1,197	1,605	—408	
12·19	40·75	5,295	5,707	17,625	8,125	13,771	—5,646	
6·35	9·35	500	333	1,121	4,457	1,038	3,419	
9·06	53	17,544	15,119	48,334	25,363	39,250	—13,417	
11·26	1·17	675	557	9,373	9,558	7,885	1,773	
10·50	.....	(Information not available.	84	358	282	3,304	—3,022	
9·24	5·16		1,580	7,054	5,046	2,943	2,103	
6·94	4·09		772	10,759	11,287	4,408	6,879	
10·04	.....	...	.....	55	962	1,470	—508	
11·16	9·53	5,400	5,465	43,113	37,788	8,171	29,617	
13·58	2·98	1,095	1,095	7,753	11,606	3,876	7,730	
22·24	2·30	1,222	456	2,245	3,600	3,651	—51	
10·12	0·67	350	167	1,278	4,997	8,949	—4,042	
12·54	11·68	4,463	3,579	20,219	22,157	22,247	—90	
13·74	3·80	510	432	1,726	1,345	1,824	—479	
12·54	4·34	3,614	2,579	9,876	12,543	9,370	3,173	(a) Water was allowed free under Government Orders.
12·45	.....	...	(a) 316‡	227	237	2,526	—2,289	
29·38	.....	...	395‡	2,029	2,029	550	1,479	
12·64	37·11	11,000	13,052	77,655	49,628	10,556	39,072	
			279‡					
11·35	3·27	202	144‡	1,718	2,056	1,567	489	
15·15	4·26	115	80	895	841	305	536	
22·30	11·66	577	369	4,388	1,889	2,129	—240	
13·30	2·83	65	64	1,105	1,329	1,537	—208	
			190‡					
45·52	0·66	...	653‡	2,288	2,288	2,658	—370	
78·51	22·32	893	580	3,950	4,109	2,289	1,870	
			5,126‡					
...	.....	57,294	56,131	2,99,413	2,52,345	1,81,619	70,727	
			5,824‡					
...	.....	169,209	264,699	24,41,998	22,98,132	9,23,280	13,74,852	
			8,688‡					

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1920-21.

STATEMENT I-A.

Statement of Canals in the Indus Right Bank Division for the year 1920-21.

	Major Works.					Minor works for which both Capital and Revenue Accounts are kept.			Minor works for which only Revenue Accounts are kept.		
	Begari Canal District.				Shikarpur Canals District.	Ghar Canals District.		Karachi Canals District.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.
	Desert Canal	Unharwah.	Begari Canal.	Total.	Mahiwah.	Sukkur Canal.	Ghar Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.
1	2	3	4	5	6	7	8	9	10	11	12
Source of supply of water ...	River Indus.	River Indus.	Wadhu Dhand ex-River Indus.	.....	Guddu Dhand ex-River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
Minimum discharge of water C. ft. per second.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Maximum discharge of Canal C. ft. per second.	6,980	2,154	7,380	.....	1,669	3,266	11,689	1,722	.....	.....	.....
Average annual rainfall ... Inches.	1·64	1·20	1·30	.....	.....	0·96	0·66	1·96	0·65	1·83	3·28
Gross area commanded ... Acres.	388,985	246,970	751,680	1,387,635	200,251	246,713	505,649	60,976	477,924	990,556	6,158,771
Culturable area commanded ,,	388,985	214,056	580,521	1,283,562	145,445	162,118	395,944	60,976	386,096	715,718	1,799,084
Area irrigable by complete project ... ... ,,	129,660	112,025	340,260	581,945	99,000	90,000	250,000	23,757	229,640	403,311	1,995,923
Area irrigable at present ... ,,	129,660	112,025	340,260	581,945	99,000	90,000	250,000	16,570	229,640	397,696	252,717
Sanctioned estimate.											
Direct charges ... ... Rs.	27,35,316	7,88,930	24,74,027	59,98,173	15,17,355	14,37,813	6,55,652	1,80,079	.....	.....	.....
Indirect charges ... ... ,,											
Interest during construction. ,,	29,41,480	7,83,557	32,64,094	69,89,131	8,78,008	.....	.....	.....	.....	.....	.....
Total Estimate Rs. ...	56,76,796	15,72,387	57,38,121	1,29,87,304	23,95,364	14,37,813	6,55,652	1,80,079	.....	.....	.....
Expenditure to end of 1920-21.											
Direct charges ... ... Rs.	25,55,301	7,58,050	23,94,977	58,18,228	13,80,892	13,76,052	5,82,836	1,74,023	.....	.....	.....
Indirect charges ... ... ,,	80,015	20,780	79,150	1,79,945	58,792	61,761	31,494	6,051	.....	.....	.....
Interest during construction. ,,	29,41,480	7,83,557	32,64,094	69,89,131	8,78,008	.....	.....	.....	.....	.....	.....
Total Expenditure Rs. ...	56,76,796	15,72,387	57,38,121	1,29,87,304	23,17,692	14,37,813	6,14,330	1,80,079	.....	.....	.....
Works as now sanctioned.											
Main canals irrigation ... Miles.	95	34	78	208	29	72	39	30	180	340	458
Branch canals ... ... ,,	171	82	114	367	177	56	120	6	95	312	462
Distributaries ... ... ,,	69	5	52	126	87	.....	144	.....	.....	16	.....
Of above—											
Navigable canals ... Miles.	4	.....	58	62	.....	.....	103	4	.....	266	164
Works completed at end of 1920-21.											
Main canals irrigation ... Miles.	95	34	78	208	29	72	39	30	180	340	458
Branch canals ... ... ,,	171	82	114	367	177	56	120	6	95	312	462
Distributaries ... ... ,,	69	5	52	126	87	.....	144	.....	.....	16	.....
Of above—											
Navigable canals ... Miles.	4	.....	58	62	.....	.....	103	4	.....	266	164

STATEMENT

Statement of Canals in the Indus

MAJOR WORKS.

	Jámrão Canal District.	Nasrat Canal District.			Eastern Nára District				
	Jámrão Canal.	Dád Canal.*	Nasrat Canal.	Total.	Nára Supply Channel.	Eastern Nára.	Midrão Canal.	Thár Canal.	Khipro Canal.
1	2	3	4	5	6	7	8	9	10
Source of supply of water	Eastern Nára.	Indus.	Indus.	...	Indus.	Nára Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of River .. C. ft. per second.	.....	(a) 22,532	(a) 22,532	...	(a) 22,532	...	...	...	...
Maximum discharge of Canal .. „ „	2,910	3,695	2,300	...	...	...	2,800	1,400	200
Average annual rainfall ... ... Inches.	0·87	0·92	0·79	...	...	1·79	0·57	3·34	1·76
Gross area commanded ... ... Acres.	870,850	682,297	383,700	1,065,997	151,400	780,991	437,551	158,044	35,743
Culturable area commanded ... ... „	826,423	326,425	323,163	649,588	25,000	497,812	413,008	170,346	33,845
Area irrigable annually by complete project . „	309,000	156,385	104,100	260,785	12,200	99,900	143,500	50,000	8,000
Area irrigable at present ... ... „	275,184	108,000	82,000	190,000	12,200	42,200	136,300	50,000	8,000
Sanctioned Estimate.									
Direct charges ... ... Rs.	90,51,017	26,63,676	18,62,953	45,26,629	...	...	...	...	...
Indirect charges ... ... „									
Interest during construction ... ... „	67,32,122	17,50,528	11,62,519	29,13,047	...	...	...	...	...
Total Estimate ... Rs.	1,57,83,139	44,14,204	30,25,472	74,39,676	...	...	...	...	...
Expenditure to end of 1920-1921.									
Direct charges ... ... Rs.	87,79,885	25,61,719	18,04,834	43,66,553	...	...	...	...	...
Indirect charges ... ... „	2,64,907	93,568	58,119	1,51,687	...	...	...	...	...
Interest during construction ... ... „	67,32,122	17,50,528	11,62,519	29,13,047	...	...	...	...	...
Total Expenditure ... Rs.	1,57,76,914	44,05,815	30,25,472	74,31,287	...	...	...	...	...
Works as now sanctioned.									
Main Canals Irrigation ... . Miles.	118	96	97	193	12	(d) 320	97	24	36
Branch Canals ... ... „	58	193	95	288	...	...	49	48	5
Distributaries ... ... „	493	(c) 158	118	276	...	...	68	18	...
Of the above—									
Navigable Canals ... ... Miles.	.....	...	...	...	12	320	92	...	...
Works completed to end of 1920-1921.									
Main Canals Irrigation ... ... Miles.	118	87	79	166	12	(d) 320	96	24	16
Branch Canals ... ... „	58	192	136	328	...	...	49	48	...
Distributaries ... ... „	493	(c) 129	69	198	...	...	68	18	...
Of the above—									
Navigable Canals ... ... Miles.	.....	...	...	...	12	320	92	...	...

* Includes figures for Rch Distributary ex- Dád.
(a) Minimum discharge of Indus at Sukkur.
(b) Do. Kotri.
(c) Includes 35 miles of Rau Distributary ex-Dád.
(d) Practically a river.

I-A—*concluded.*

Left Bank Division for the year 1920-1921.

		Minor Works for which Capital and Revenue Accounts are kept.							Minor Works for which only Revenue Accounts are kept.		
		Hyderabad Canals District.				Fulell Canals District.			Nasrat Canals District.	Hyderabad Canals District.	Fulell Canals District.
Hiral Canal.	Total.	Alibahur Kacheri.	Great Marak.	Sarfraz.	Total.	Fulell Canal.	Hasanali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22
Eastern Nára.	.....	Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	Indus.
.....	.....	(a) 22,532	(a) 22,532	(a) 22,532	...	(b) 18,067	(b) 18,067	...	(a) 22,532	(a) 22,532	(b) 18,067
250	.....	690	2,095	1,024	...	19,000	1,000	...	...	...	...
1·44	.....	0·88	0·72	1·36	...	1·66	2·46	...	...	...	1·87
55,480	1,628,209	75,500	240,000	165,000	480,500	1,703,000	144,000	1,847,000	700,000	930,000	147,800
47,243	1,187,254	44,862	191,019	139,400	375,281	1,437,500	84,000	1,521,500	290,197	827,370	109,670
15,700	320,300	18,300	58,350	40,800	117,450	400,000	21,000	421,000	111,800	215,800	35,000
20,000	268,700	18,300	58,350	40,800	117,450	400,000	19,000	419,000	70,000	215,800	30,000
.....	75,48,589	1,01,067	4,34,267	1,24,680	6,60,014	20,47,527	3,04,805	23,52,332	...	...	...
.....	1,08,80,551	...	...	...	...	...	...	...	...	...	...
.....	1,84,35,140	1,01,067	4,34,267	1,24,680	6,60,014	20,47,527	3,04,805	23,52,332	...	...	...
.....	71,05,160	74,561	4,18,756	1,18,559	6,11,876	21,22,767	2,89,929	24,12,696	...	...	...
.....	2,46,279	2,479	15,511	6,121	24,111	77,892	14,876	92,768	...	...	...
.....	1,08,86,551	...	...	...	...	...	...	...	...	...	...
.....	1,82,37,990	77,040	4,34,267	1,24,680	6,35,987	22,00,659	3,04,805	25,05,464	...	...	...
19	510	26	26	79	131	100	34	134	115	138	65
22	124	32	146	34	212	876	46	922	142	440	69
13	99	...	...	...	...	29	14	43	15	...	4
.....	424	22	22	30	74	328	39	367	...	105	10
19	486	26	24	79	129	100	34	134	115	138	65
22	119	32	146	34	212	876	46	922	141	440	69
13	99	...	...	...	...	28	14	42	15	...	4
.....	424	22	22	30	74	328	39	367	...	105	10

Note:—The variations from last years figures in the culturable area commanded are due to revised figures reported by the Revenue authorities.—

STATEMENT

Capital Account of Irrigation Works

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1. Desert Canal	...	...	...	...	...	...	...	...	...
2. Unharwáh	...	...	...	...	...	...	...	...	...
3. Begári Canal	—4,629	—761	—47	—5,437	...	—5,437	...	—107	—107
4. Maliwáh	...	...	...	...	...	...	...	...	...
5. Eastern Nára Works	18,243	6,050	171	24,469	...	24,469	...	847	847
6. Jamráo Canal	—102	—34	—1	—137	...	—137	3,380	—5	3,375
7. Dád do	—2,176	—722	—20	—2,918	...	—2,918	...	—101	—101
8. Nasrat do.	—726	—240	—7	—973	...	—973	...	—34	—34
9. Naulákhi do.	...	...	...	...	...	...	...	...	...
10 Sukkur Barrage Works	2,066	3,021	7,796	12,883	...	12,883	...	423	423
11. Seharwah	9,981	1,641	102	11,724	...	11,724	...	230	230
Total ...	22,662	8,955	7,994	39,611	...	39,611	3,380	1,253	4,633
MINOR WORKS AND NAVIGATION.									
12. Sukkur Canal	...	...	...	...	...	...	...	...	...
13. Ghar do.	29,601	4,570	306	34,477	...	34,477	...	640	640
14. Suttah do.	...	...	...	...	...	...	...	...	...
15. Allahbar Kacheri Canal...	38,326	12,632	395	51,353	...	51,353	...	1,769	1,769
16. Márak Great do.	—3,264	—1,356	—65	—4,685	...	—4,685	...	—190	—190
17. Sarfarzwah	...	...	...	...	...	...	...	...	...
18. Fuleli Canal	1,11,284	35,789	1,046	1,48,119	...	1,48,119	...	5,011	5,011
19. Hasanali do.	...	...	...	...	...	...	...	...	...
Total ...	1,75,947	51,635	1,682	2,29,264	...	2,29,264	...	7,230	7,230
GRAND TOTAL ...	1,98,609	60,590	9,676	2,68,875	...	2,68,875	3,380	8,483	11,863

I-B.

in Sind for and to end of 1920-1921.

Grand Total.	To end of Year									
	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	Deduct Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
12	13	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	21,46,134	4,85,778	25,421	26,55,333	37	26,55,301	2,284	77,731	80,015	27,35,316
...	6,31,222	1,34,479	2,349	7,68,050	...	7,68,050	1,963	18,827	20,790	7,88,840
—5,544	20,31,088	3,58,427	5,881	23,94,396	19	23,94,377	17,931	61,219	79,150	24,74,027
...	11,27,521	2,43,877	9,500	13,80,898	6	13,80,892	24,649	34,143	58,792	14,39,684
25,316	56,07,718	14,23,166	74,457	71,05,336	176	71,05,160	3,084	2,43,195	2,46,279	73,51,439
3,238	70,75,354	15,18,594	{1,82,442 (c)4,606	87,80,986	981	87,79,985	52,304	2,12,603	2,64,907	90,44,792
—3,019	21,70,257	3,72,248	19,248	25,61,753	34	25,61,719	41,453	53,115	93,568	26,55,287
—1,007	15,45,487	2,52,053	6,852	18,04,392	158	18,04,234	22,740	35,370	58,110	18,62,353
...	4,876	236	...	5,112	...	5,112	...	33	33	5,145
12,306	1,782	3,021	7,706	12,509	...	12,509	...	423	423	13,022
11,954	24,925	4,020	393	29,348	...	29,348	...	564	564	29,912
44,344	2,23,64,259	47,00,504	3,88,425	2,74,99,188	1,411	2,74,97,777	1,36,407	7,36,223	9,02,630	2,84,00,407
...	11,49,150	2,13,361	13,701	13,76,212	160	13,76,052	20,466	41,295	61,761	14,37,813
35,117	4,76,551	1,03,041	3,290	5,82,882	...	5,82,882	12,536	18,938	31,494	6,14,376
...	1,40,133	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	6,051	1,80,079
53,122	57,962	16,180	418	74,560	...	74,560	...	2,479	2,479	77,039
—4,875	3,29,779	85,672	3,385	4,18,836	80	4,18,756	1,554	13,957	15,511	4,34,267
...	1,03,492	15,097	30	1,18,559	...	1,18,559	3,102	3,019	6,121	1,24,680
1,53,130	17,27,035	3,35,790	10,444	21,23,269	504	21,22,765	14,412	63,480	77,892	22,00,657
...	2,35,342	49,286	5,301	2,89,929	...	2,89,929	7,976	6,900	14,876	3,04,805
2,26,494	42,19,384	9,00,246	38,645	51,58,275	744	51,57,531	61,643	1,54,543	2,16,185	53,73,716
2,80,738	2,65,83,643	56,98,750	3,77,070	3,26,57,463	2,155	3,26,55,308	2,28,050	8,90,766	11,18,815	3,37,74,123

(c) Suspense Account.

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

Rectifications under main heads of

Works.	Receipts (Actual Receipts).												Revenue Manage		
	Irrigation												Establishment.		
	Direct.	Indirect.													
	Water-rates directly paid.	Share of Land Revenue.	4 per cent. on $\frac{1}{5}$ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.	Total.	Plantation.	Miscellaneous.	Total.	Less—Refunds of Revenue.	Gross Revenue less Refunds.	Deduct—Share due to old Irrigation.	Total Revenue due to Improvement.	Direction.	Executive.	Civil Officers.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.															
1. Desert Canal ...	62,137	3,02,963	2,224	3,05,187	3,67,324	70	2,025	3,80,019	...	3,80,019	...	3,80,019	...	15,899	10,582
2. Unharwáh ...	249	1,40,722	3,088	1,43,799	1,44,039	63	1,053	1,45,155	...	1,45,155	...	1,45,155	...	7,216	5,486
3. Begári Canal ...	23,861	4,24,014	9,613	4,33,627	4,57,238	33	5,476	4,61,747	...	4,61,747	39,613	4,22,134	...	41,723	30,741
4. Mahiwáh ...	746	99,236	3,443	1,02,959	1,03,717	27	3,629	1,07,373	23	1,07,397	1,10,467	−3,070	...	14,738	8,325
5. Western Nára Works.	2,427	3,39,161	4,695	3,43,856	3,46,283	673	23,765	3,70,721	...	3,70,721	3,441	3,67,227	...	1,09,467	20,267
6. Jámrão Canal ...	1,809	2,71,311	74,193	3,45,507	3,47,007	100	47,992	3,95,099	460	3,94,639	...	3,94,639	...	1,38,017	8,790
7. Dád do. ...	1,738	2,22,053	8,462	2,30,515	2,32,253	430	1,213	2,34,096	...	2,33,995	[a] 85,908	1,59,087	...	36,918	16,434
8. Nasrat do. ...	135	1,09,015	14,287	1,23,302	1,24,037	230	616	1,25,183	88	1,25,095	72,654	1,12,241	...	60,133	13,097
9. Nawákot do. (b) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10. Schurwah do. (b) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11. Sukkur Barrage Works (b) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,13,515	19,69,245	1,20,138	20,89,433	23,01,899	1,626	85,833	24,89,257	574	23,88,673	3,06,216	19,84,357	...	4,02,675	1,24,352
MINOR WORKS AND NAVIGATION.															
12. Sukkur Canal ...	1,344	2,36,215	856	2,37,151	2,38,495	66	3,726	2,42,287	...	2,42,287	84,809	1,57,478	...	...	17,671
13. Ghár do. ...	156	8,63,202	7,612	8,70,814	8,70,970	330	7,281	8,78,581	...	8,78,581	3,38,512	5,40,119	...	...	57,231
14. Sutlah do. ...	38	31,365	922	32,287	32,320	...	31	32,351	...	32,351	16,145	16,206	...	...	2,071
15. Akbahar Kachetti Canal ...	11	22,197	540	23,037	23,037	...	669	23,706	...	23,706	17,605	6,101	...	...	2,033
16. Marak Great Canal...	837	1,45,974	3,408	1,49,381	1,50,208	129	3,793	1,54,130	...	1,54,130	59,437	94,693	...	...	11,218
17. Sarfarazh ...	675	49,072	1,285	50,957	51,842	82	1,286	53,040	...	53,040	19,808	33,234	...	...	3,774
18. Foldi Canal ...	13,270	8,66,699	20,104	8,84,774	8,98,073	135	25,216	9,23,714	10	9,23,696	2,44,580	6,79,116	...	...	62,694
19. Hasanali Canal ...	14	42,589	715	43,304	43,318	...	491	43,809	...	43,809	5,916	37,893	...	...	2,623
Total ...	16,324	22,56,363	35,792	22,92,655	23,08,263	742	42,833	23,53,163	10	23,53,153	5,82,870	17,69,472	...	...	1,59,312
GRAND TOTAL ...	1,29,843	42,25,608	1,55,930	43,81,718	45,10,161	2,368	1,28,666	46,41,415	590	46,40,825	8,89,086	37,53,829	...	4,02,675	2,83,664
Works for which only Revenue Accounts are kept ...	19,079	20,47,404	51,795	20,98,799	21,18,879	1,756	35,188	21,55,823	26	21,55,797	...	21,55,797	...	...	1,24,724

(a) The amount of Rs. 5 on account of refunds of revenue is deducted from gross revenue Rs. 83,913 and not revenue shown here.

(b) Works under construction.

I.C.

Works in Sind for the year ended 31st March 1921.

Revenue and Working Expenses.

Total Revenue Manage-ment.	Working Expenses. Maintenance and Repairs. Establishment. Direc-tion.	Execu-tive.	Total.	Works.	Repairs.	Sun-dries.	Planta-tions.	Tools and Plant.	Total Cost of Main-tenance.	Indirect Charges.	Grand Total Working Expenses.	Deduct—Old Maint-enance Charges. Direct.	Indirect.	Total.	Total Working Expenses on Improve-ments.	Net Revenue. Total.	Due to Improve-ments.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
38,411	...	...	16,652	4,092	97,178	...	1,281	1,666	1,20,459	4,750	1,60,629	...	...	...	1,60,629	2,29,290	2,29,290
13,702	...	...	7,022	1,805	44,057	...	718	483	54,995	2,636	72,693	...	...	...	72,693	75,567	72,467
72,573	...	...	44,414	1,36,972	1,32,548	...	1,017	2,797	3,17,748	13,548	4,02,709	3,757	2	3,759	3,94,010	33,976	34,124
23,093	...	...	15,591	98,007	63,059	...	4,946	987	1,12,993	4,246	1,39,319	21,007	279	21,286	1,18,079	- 23,062	-1,21,379
1,30,464	...	...	1,13,902	77,012	3,09,824	160	1,924	4,423	5,03,347	31,774	7,30,975	344	...	344	7,30,631	- 3,99,634	-3,62,754
1,45,807	...	...	88,129	23,236	2,40,416	...	7,876	2,573	3,00,211	31,236	5,36,574	...	...	...	5,36,574	- 1,42,236	-1,42,236
43,567	...	...	27,722	22,964	53,916	...	7,000	1,977	1,53,639	10,458	2,17,444	44,071	1,138	45,209	1,72,235	10,651	-22,125
61,372	...	...	41,572	20,052	1,00,415	—909	3,425	1,123	1,65,237	11,996	2,25,593	19,955	458	19,596	2,09,085	- 43,785	-96,844
—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4,57,937	...	...	8,63,057	3,14,150	11,32,915	—909	23,995	14,971	18,83,506	1,06,503	24,89,030	89,534	1,866	98,400	23,93,630	- 2,00,353	-4,09,279
11,971	...	...	16,331	13,229	1,03,931	...	1,874	1,221	1,37,586	2,653	1,67,780	13,256	106	13,362	1,44,418	84,507	13,103
17,221	...	...	20,518	3,213	1,30,007	3	1,638	1,294	1,67,073	2,936	2,17,240	18,630	161	18,841	1,98,399	6,51,201	5,44,720
2,071	...	...	2,607	81	16,158	...	...	169	16,914	251	21,836	8,993	225	9,218	12,118	11,515	4,583
2,023	...	...	1,173	1,168	1,953	...	644	84	4,677	105	7,074	8,972	189	9,266	—2,192	10,032	8,803
11,215	...	...	7,576	...	20,417	...	2,203	213	30,109	1,919	43,243	23,976	427	24,403	18,838	1,31,727	78,725
3,774	...	...	4,683	756	14,428	...	...	143	20,010	634	24,666	7,051	170	7,221	16,947	28,372	17,247
62,694	...	...	61,716	21,029	1,69,152	196	1,726	1,902	2,55,519	8,640	3,20,950	1,14,256	2,096	1,16,351	2,10,599	5,66,743	4,05,556
2,023	...	...	5,147	4,418	11,588	...	...	149	21,299	720	24,649	3,330	78	3,408	21,184	19,187	16,704
1,59,312	...	...	1,27,754	42,893	4,67,631	201	7,985	5,154	6,45,653	17,063	8,22,035	1,96,281	3,451	2,01,732	6,20,301	15,30,119	11,49,175
6,56,339	...	...	4,85,441	3,57,108	16,00,546	—708	30,977	19,696	24,99,159	1,23,571	33,11,065	2,91,815	5,317	2,97,132	30,13,937	13,29,786	7,39,906
1,76,221	...	...	1,90,240	1,52,933	3,72,628	—9,421	...	10,416	12,16,212	...	13,40,433	...	...	...	13,47,539	8,14,761	8,14,761

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

No.	Name of Work.	General Financial results to end of						
		Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital Outlay (direct and indirect).	Accumulated arrears of interest.
		Main canals and branches.	Distributaries.					
1	2	3	4	5	6	6a	7	8
	MAJOR WORKS. PRODUCTIVE WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
1	Desert Canal	267·00	69·00	27,35,316	1891-92	1872-73	27,35,316	.....
2	Unharwáh	116·00	5·00	7,88,880	1890-91	1885-86	7,88,880	.....
3	Begári Canal	192·00	52·00	24,74,027	1890-91	1885-86	24,74,027	.....
4	Mahiwáh	293·00	...	15,17,356	Not completed.	1901-02	14,39,584	9,42,762
5	Eastern Nára	690·90	...	75,46,589	1897-98	1854-55	73,51,439	.....
6	Jámráo Canal	176·00	493·00	90,51,077	1901-02	1900-01	90,44,792	.....
7	Dád do.	278·78	91·46	26,63,676	1906-07	1901-02	26,55,297	3,61,555
8	Nasrat do.	214·84	69·12	18,62,953	1906-07	1903-04	18,62,953	3,52,498
9	Sohurwah do.	...	...	8,79,525	Not completed.	...	23,912	1,744
10	Naulákhi do.	...	...	12,63,554		...	5,145	3,138
11	Sukkur Barrage Works	...	...	15,973	Not started.		13,022	262
	Total ...	2,168·52	779·58	3,07,99,516	...	...	2,84,00,407	21,62,959
	MINOR WORKS AND NAVIGATION.							
12	Sukkur Canal	128·10	...	14,37,813	1885-86	1870-71	14,37,813	.....
13	Ghár do.	302·88	...	6,56,552	1878-79	1856-57	6,14,376	.....
14	Sutiah do.	33·00	...	1,80,079	1909-10	1904-05	1,80,079	40,763
15	Alibabar Kachori	58·50	...	1,01,067	1875-76	1873-74	77,039	.....
16	Marak Great	169·90	...	4,34,267	1881-82	1873-74	4,34,267	.....
17	Sarfrazwah	112·60	...	1,24,680	1875-76	1873-74	1,24,680	.....
18	Fuleli Canal	1,004·00	...	20,47,527	1892-93	1861-62	22,00,657	.....
19	Hasanali	94·00	...	3,04,805	1906-07	1903-04	3,04,805	.....
	Total ...	1,907·98	...	52,85,890	...	...	53,73,716	40,763
	GRAND TOTAL ...	4,076·50	779·58	3,60,85,706	...	...	3,37,74,123	22,03,722

II-C.

Works in Sind for, and up to the end of, 1920-21.

1920-21.		FINANCIAL RESULTS OF THE YEAR 1920-21.									
Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital Outlay, column 7	Percentage on sum-at-charge, column, 10.	Interest at 3·3252 per cent. on direct Capital Outlay to end of 1916-17 & at 5·1979 per cent. on subsequent expenditure.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 13).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
29,57,083	27,35,316	3,90,019	1,60,629	2,29,390	8·39	8·39	38,564	1,40,826	...	179,775	41·18
23,31,443	7,88,330	1,45,160	72,693	72,467	9·19	9·19	25,539	46,928	...	68,614	50·08
35,05,132	24,74,027	4,25,134	3,94,010	34,124	1·38	1·38	80,197	...	46,073	203,318	92·03
...	23,83,945	−3,200	1,18,079	−1,21,279	...	...	45,914	...	1,67,193	50,186	...
36,93,762	79,61,439	3,67,977	7,30,031	−3,62,754	...	...	2,41,717	...	6,04,471	198,464	198·77
6,26,898	90,44,762	3,94,689	5,36,874	−1,42,235	...	...	2,95,614	...	4,37,849	173,686	136·04
...	35,16,842	1,50,087	1,72,235	−22,148	...	...	84,979	...	1,07,127	103,123	114·76
...	22,15,451	1,13,241	2,09,085	−95,844	...	...	59,915	...	1,55,759	78,161	183·28
...	31,656	...	...	...	...	...	1,221	...	1,221	...	...
...	8,283	...	...	...	...	...	170	...	170	...	...
...	13,284	...	...	...	...	...	326	...	326	...	...
1,81,84,268	3,05,83,366	19,84,357	23,93,636	−4,09,279	...	...	9,24,156	...	13,33,435	1,055,333	120·63
4,54,734	14,37,313	1,57,481	1,44,418	13,063	0·91	0·91	45,968	...	32,905	60,517	91·71
2,27,25,782	6,14,376	7,43,119	1,98,399	5,44,720	88·66	88·66	19,181	5,25,539	...	249,122	26·70
...	2,20,842	18,706	12,118	6,588	2·55	2·98	5,787	...	1,199	15,615	72·54
2,23,026	77,029	6,201	−2,192	8,393	10·89	10·89	2,107	6,286	...	10,943	...
21,06,497	4,34,267	94,693	19,938	75,755	17·44	17·44	18,004	57,751	...	68,989	20·00
4,27,507	1,24,680	34,234	16,847	17,387	13·95	13·95	3,941	13,446	...	25,748	49·21
99,79,022	22,00,657	6,79,149	2,10,589	4,68,560	21·29	21·29	70,449	3,98,111	...	370,578	31·01
1,85,146	3,04,805	37,893	21,184	16,709	5·48	5·48	9,641	7,068	...	17,140	55·90
3,60,54,654	54,14,479	17,69,476	6,20,301	11,49,175	21·39	21·22	1,75,028	9,74,147	...	827,602	35·06
5,42,18,922	3,59,77,846	37,53,833	30,13,937	7,39,896	2·19	2·06	10,99,184	...	3,59,288	1,882,935	80·29

S. A. VANESHWAR,
Assistant Accountant General,

STATEMENT III-C.

Demands and Realizations during the year 1920-1921 in Sind.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	*Deduct*—Remissions including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Total Receipts of year.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.
	1	2	3	4	5	6	7	8	9	10
	MAJOR WORKS. PRODUCTIVE WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Desert Canal ..	14,296	3,94,429	4,08,725	2,904	4,05,821	15,802	3,90,019	...	3,90,019
2	Unharwáh ...	249	1,45,085	1,45,334	...	1,45,334	174	1,45,160	...	1,45,160
3	Begári Canal ...	50,253	4,67,391	4,97,644	55	4,97,589	35,842	4,61,747	33,613	4,28,134
4	Mahiwáh ...	1,086	1,06,587	1,07,673	26	1,07,647	350	1,07,297	1,10,497	—3,200
5	Eastern Nára Works ...	25,870	4,24,244	4,50,114	40	4,50,074	79,353	3,70,721	3,444	3,67,277
6	Jámráo Canal	8,414	6,01,923	6,10,337	492	6,09,845	2,15,206	3,94,639	...	3,94,639
7	Dád do.	11,231	2,50,745	2,62,076	94	2,61,982	27,987	2,33,995	(c)33,908	1,60,087
8	Nasrat do.	80,70	2,00,630	2,08,700	88	2,08,612	23,517	1,85,095	72,954	1,12,241
9	Naulákhi do. (b) ...	...	...	...	...	...	...	...	...	...
10	Sukkur Barrage Works (b).	...	...	...	...	...	...	...	...	...
11	Sehurwah Canal (b) ...	...	...	...	...	...	...	...	...	...
	Total, Major Works ...	99,669	25,91,034	26,90,603	3,699	26,86,904	3,03,231	22,83,673	3,04,816	19,84,857
	MINOR WORKS AND NAVIGATION.									
12	Sukkur Canal	5,294	2,41,828	2,47,122	...	2,47,122	4,835	2,42,287	84,806	1,57,481
13	Ghár do.	755	3,81,030	3,81,785	...	3,81,785	3,154	3,78,631	1,35,512	7,43,119
14	Sattah do.	...	32,855	32,855	...	32,855	4	32,851	16,145	16,706
15	Alibahar Kacheri Canal....	1,058	24,506	25,564	...	25,564	1,958	23,706	17,505	6,201
16	Marak Great do. ...	2,821	1,76,111	1,78,932	97	1,78,835	24,705	1,54,130	—59,457	94,093
17	Sarfraswáh ..	8,354	55,164	63,518	...	63,518	10,478	53,040	18,806	34,234
18	Fuleli Canal ...	5,491	9,54,805	9,60,296	16	9,60,280	36,582	9,23,698	2,44,549	6,79,149
19	Hasanali do. ...	448	44,148	44,596	...	44,596	787	43,809	5,916	37,893
	Total, Minor Works and Navigation ...	24,221	24,10,447	24,34,668	113	24,34,555	82,403	23,52,152	5,82,676	17,69,476
	GRAND TOTAL ...	1,23,790	50,01,481	51,25,271	3,812	51,21,459	4,60,634	46,40,825	8,86,992	37,53,833

(a) Correct balances as now reported by the Revenue Officers in Canal Returns—Nos. VIII-A and IX.
(b) Works under construction.
(c) The amount of Rs. 5 on account of refunds of revenue is deducted from gross Revenue Rs. 33,913 and net Revenue shown here.

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT IV-C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

Irrigation Works.	Capital Outlay (direct and indirect) to end of year.	Revenue assessed					
		Direct Revenue.				Indirect Revenue Revenue due to opera-canal	
		Occupier's rate.	Planta-tions.	Miscella-neous.	Total.	Share of Land Revenue.	4 per cent on 9/10ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.
1	2	3	4	5	6	7	8
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.							
1 Desert Canal	27,35,316	86,371	70	2,625	89,266	3,02,939	2,224
2 Unharwah	7,68,830	174	63	1,058	1,295	1,10,702	3,088
3 Begári Canal	24,74,027	80,017	33	4,476	84,526	4,23,222	9,643
4 Mahiwáh	14,39,634	583	17	3,589	4,189	98,955	3,443
5 Eastern Nára Works ...	73,51,435	3,403	675	23,705	27,901	3,91,648	4,695
6 Jámrao Canal	90,44,792	1,388	100	47,992	49,430	4,78,297	74,196
7 Dád do.	26,56,257	1,003	430	1,212	2,635	2,38,548	3,562
8 Nasrat do.	16,62,933	123	230	916	1,269	1,85,074	14,287
9 Naulákki do. (b) ...	5,145	...	...	...	...	.....	...
10 Sukkur Barrage Works (b) ...	13,022	...	...	...	...	.....	...
11 Scharwah Canal (b) ...	22,912	...	...	...	...	.....	..
Total, Major Works ...	2,84,00,407	1,24,262	1,616	85,633	2,11,511	22,59,385	1,20,188
MINOR WORKS AND NAVIGATION.							
12 Sukkur Canal	14,37,813	917	66	3,726	4,709	2,36,263	856
13 Ghár do.	6,14,376	4,348	380	7,281	12,009	8,61,409	7,612
14 Suttah do.	1,80,079	37	...	31	68	21,365	922
15 Allahbar Kacheri Canal ..	77,039	301	...	669	970	22,696	840
16 Marak Great do. ...	4,84,267	2,334	129	2,792	5,255	1,60,447	3,406
17 Sarfrazwah	1,24,680	1,331	52	1,346	2,729	51,140	1,295
18 Fuleli Canal	22,00,637	31,247	125	25,516	56,888	8,77,813	20,104
19 Hasanali do.	3,04,805	381	...	491	872	42,561	715
Total, Minor Works and Navigation ..	55,73,716	40,896	752	42,852	84,501	22,90,194	35,752
GRAND TOTAL ...	3,37,74,123	1,65,158	2,368	1,28,486	2,96,012	45,49,579	1,55,690

IV-C.

for the year ended 1920-1921, based on the Assessment of the year.

for the year ended 31st March 1921.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		
—Land tion of Total.	Refunds of Revenue.	Grand Total.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	*Deduct*—Old Maintenance Charges.	Total Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,05,163	...	3,04,423	...	3,04,423	1,60,629	...	1,60,629	2,83,800	2,83,800	8·55
1,43,730	...	1,45,085	...	1,45,085	72,693	...	72,693	72,392	72,392	9·18
4,32,555	...	4,67,891	28,613	4,39,278	4,02,769	5,759	3,94,010	64,628	39,768	1·61
1,02,398	26	1,06,561	1,10,497	—3,936	1,89,359	21,280	1,18,079	—32,798	—1,22,015	(a)
3,26,243	...	4,24,244	3,444	4,20,800	7,80,875	344	7,80,031	—3,06,131	—3,09,231	(a)
5,52,493	460	6,01,463	...	6,01,463	5,36,874	...	5,36,874	64,589	64,589	0·71
2,47,110	...	2,50,745	(c) 33,903	1,66,837	2,17,444	45,209	1,72,236	33,301	—5,398	(a)
1,99,341	88	2,00,542	72,854	1,27,688	2,28,893	19,808	2,09,085	—28,351	—81,397	(a)
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
23,79,523	574	25,90,460	3,04,316	22,86,144	24,89,036	95,400	23,93,636	1,01,424	—1,07,492	(a)
2,37,119	...	2,41,528	84,806	1,57,022	1,57,780	13,362	1,44,418	84,048	12,604	0·88
8,09,021	...	8,81,030	1,35,512	7,45,518	2,17,240	18,841	1,98,399	6,63,790	5,47,119	39·05
32,787	...	32,866	16,145	16,710	21,836	9,218	12,118	11,519	4,592	2·55
23,536	...	24,606	17,505	7,001	7,074	9,266	—2,192	17,432	9,193	11·93
1,69,855	...	1,76,111	59,437	1,16,674	42,343	23,405	18,938	1,33,768	97,736	22·51
52,435	...	56,164	18,806	36,358	24,068	7,821	16,247	30,496	19,511	15·65
9,97,917	16	9,54,789	2,44,549	7,10,240	3,28,950	1,16,361	2,10,589	6,27,839	4,99,651	22·70
43,276	...	44,148	5,916	38,232	24,642	3,458	21,184	19,506	17,048	5·59
23,25,946	16	24,10,431	5,82,676	18,27,755	8,22,032	2,01,732	6,20,301	16,88,398	12,07,454	22·47
47,05,469	590	50,00,891	8,86,992	41,13,899	33,11,069	2,97,132	30,18,937	16,89,822	10,99,962	3·23

(a) No percentage is calculated, as the net revenue against the work is a minus figure.
(b) Works under construction.
(c) The amount of Rs. 5 on account of refunds of revenue is deducted from gross revenue Rs. 33,913 and net revenue shown here.

S. A. VANESHWAR,
Assistant Accountant General.

	MAJOR WORKS—PRODUCTIVE WORKS.												MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Works Under Construction.		Works not started		Works				
	Desert Canal.	Umharwah	Begári Canal.	Mahi-wah.	Eastern Nára Works.	Jámrão Canal.	Dád Canal.	Nasrat Canal.	Nanakhi Canal.	Sohra-wah.	Sukkur Barrage works.	Total.	Sukkur Canal.	Ghár Canal.	Sultah Canal.	Altchar Kachori Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital Outlay.																	
During year—																	
Direct ...	...	...	—5,427	...	24,460	—197	—2,925	—973	...	11,724	13,863	39,511	...	34,477	...	61,353	—4,685
Indirect..	...	...	—107	...	847	3,575	—101	—34	...	230	428	4,633	...	640	...	1,769	—190
Total ...	...	...	—5,534	...	25,316	3,338	—3,019	—1,007	...	11,954	13,290	44,144	...	35,117	...	53,122	—4,875
To end of year—																	
Direct ...	18,55,301	7,88,050	23,94,527	13,89,892	71,05,160	67,79,885	28,61,719	18,04,834	6,112	20,848	12,570	2,74,07,777	12,70,052	5,88,883	1,73,028	74,580	4,18,756
Indirect...	20,018	20,780	79,150	48,758	2,46,379	2,64,907	93,568	58,119	53	664	423	9,02,630	61,761	31,494	6,051	2,470	15,511
Total ...	18,75,319	7,88,830	24,74,677	14,39,651	73,51,539	70,44,792	29,55,287	18,62,953	6,165	20,512	13,022	2,84,00,407	13,27,813	6,14,376	1,80,079	77,050	4,34,267
Gross Revenue.																	
During year—																	
Direct ...	84,863	1,970	20,090	2,856	28,855	40,[illegible]	570	462	...	...	...	1,94,187	5,130	7,317	6	669	4,749
Indirect...	—3,36,137	1,43,790	4,00,044	—5,056	3,45,412	3,45,507	1,49,517	1,13,779	...	...	...	17,80,176	1,53,345	7,35,522	16,700	5,532	29,944
Total ...	3,20,619	1,45,760	4,33,134	—2,200	3,67,217	3,94,629	1,50,087	1,13,241	...	...	...	19,84,367	1,57,481	7,43,119	16,706	6,201	34,693
To end of year—																	
Direct ...	23,20,424	27,355	14,40,003	36,675	13,87,239	10,37,806	40,460	15,387	...	...	...	63,20,349	1,21,975	1,58,869	1,630	24,260	1,68,280
Indirect...	77,85,237	48,30,517	1,60,52,908	19,29,651	2,22,59,193	1,04,12,214	27,51,153	27,73,018	...	...	...	7,13,85,512	59,50,205	3,21,13,841	2,12,456	3,19,714	33,61,177
Total ...	1,01,05,731	48,57,872	1,81,04,871	11,66,316	2,36,46,454	1,44,50,019	27,91,613	27,88,385	...	...	...	7,76,85,860	60,72,179	3,27,72,700	2,14,086	3,43,974	35,49,457

Works in Sind for, and its cost, 1920-1921.

WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							
Irrigation.												
Bar Jamrao.	Fuleli Canal.	Hazaramali Canal.	Total.	Grand Total.	Shikarpur District.	Western Nara District.	Rarkshi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	1,49,119		2,29,264	2,68,875								Begari Canals District, Trenching the Gonopar Loop Bund—Repairs.
												Trenching and strengthening the 1896 Loop—Repairs.
												Kashmore Bund ... { Works ... / Repairs ...
												Begari Canal—Repairs ...
												Establishment ...
												Tools and Plant ...
												Share of collection charges ...
												Direct Receipts ...
												Irrigation share of consolidated Revenue.
												Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.
	1,49,119		2,29,264	2,68,875								Total, Begari Canals District ...
	8,611		7,230	11,363								Shekarpur Canals District.
												Preliminary work for making surveys in connection with the proposed Sehar Canal—Works.
	1,53,730		2,36,491	2,80,738								Colonizing a forest strips at mile 3—6 of the flood diversion on Para Bund for the Irrigation of Rohri Forest—Works.
												Constructing a sluice in mile 4—0 of Kandar Branch for the Irrigation of Jarwar forest—Works.
												Constructing a Loop to the Sukkur Begari Bund—Repairs.
												Excavating bench and filling with earth above the front embankment of the Beechangi Loop—Repairs.
												Bunds in Shikarpur Canals District Repairs.
												Garano Canal—Repairs ...
												Recording flood through Railway opening between Rohri and Ral—Repairs.
1,36,861	21,32,765	2,80,029	61,57,031	3,36,05,836	...	...	...	...	...	...	...	Mahiwah ... { Works ... / Repairs ...
6,121	77,602	14,576	2,36,195	11,16,915	...	...	...	...	...	...	...	Establishment ...
												Tools and Plant ...
												Share of collection charges ...
												Direct Receipts ...
												Irrigation share of Consolidated Revenue.
1,42,982	22,00,367	3,01,605	63,73,719	3,37,74,123	...	...	...	...	...	...	...	Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.
												Total, Shikarpur Canals District ...
												Ghar Canals District.
												Providing additional furniture in Public Works Department Inspection Bungalow along the bund line in the Ghar Canals District—Works.
												Constructing pucca Khudda at mile 0—3 of Sukkur Canal for watering Rainja Nursery—Works.
												Improving the Rajua Agazi Bund—Works.
												Pitching in Khudda for forest Nursery at Rainja mile 0—3 Rainja Sukkur Canal—Works.
												Ghar Bunds—Repairs ...
												Sukkur Canal—Repairs ...
												Ghar Canal—Repairs ...
												Establishment ...
2,672	38,804	312	59,986	2,68,853	3,776	29,170	7,363	1,518	9,081	783	50,697	Tools and Plant ...
												Share of collection charges ...
												Direct receipts ...
												Irrigation share of Consolidated Revenue.
32,161	6,40,245	37,561	17,09,810	34,09,990	3,31,830	8,42,098	4,78,476	1,52,607	2,60,945	84,914	20,98,700	Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.
												Total, Ghar Canals District ...
34,833	6,79,149	37,893	17,69,476	37,53,833	3,43,605	8,81,268	4,85,733	1,54,085	2,66,029	85,697	21,65,297	Kasachi Canals District.
												Raising and strengthening Bagbar Ubhito Bund—Works.
												Raising and strengthening Panch Bagbar Bund—Works.
												Constructing a new sluice in mile No. 10—6 of the Bagbar Ubhito to Bund—Works.
												Raising and strengthening M. S. Bund—Works.
1,05,704	19,78,610	10,234	29,63,350	92,83,698	...	...	...	...	...	...	...	Raising and strengthening M. S. Bund Left Bank Gangri to Khasbo mile 46—0 10 56—0—Works.
												Preparing fresh designs and estimates for the Sukkur Barrage Project—Works.
21,31,933	7,06,06,967	6,85,125	6,44,19,331	13,57,94,947	...	...	...	...	...	...	...	Raising and strengthening Mal-chand Shah Bund mile 10—1 to 29—1—Works.
2,88,569	25,32,577	6,68,369	6,73,87,685	14,50,73,545	...	...	...	...	...	...	...	Carried over ...

Expenditure on and receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.	Expenditure.	Receipts.
	Rs.	Rs.
Begari Canals District,		
Trenching the Gonopar Loop Bund—Repairs.	82,488	...
Trenching and strengthening the 1896 Loop—Repairs.	4,602	...
Kashmore Bund ... { Works ... / Repairs ...	1,178	...
Begari Canal—Repairs ...	90,924	...
Establishment ...	2,382	...
Tools and Plant ...	27,834	...
Share of collection charges ...	1,954	...
Direct Receipts ...	3,856	...
Irrigation share of consolidated Revenue.	...	2,144
Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	41,276
	...	397
Total, Begari Canals District ...	2,10,168	43,820
Shekarpur Canals District.		
Preliminary work for making surveys in connection with the proposed Sehar Canal—Works.	360	...
Colonizing a forest strips at mile 3—6 of the flood diversion on Para Bund for the Irrigation of Rohri Forest—Works.	50	...
Constructing a sluice in mile 4—0 of Kandar Branch for the Irrigation of Jarwar forest—Works.	346	...
Constructing a Loop to the Sukkur Begari Bund—Repairs.	1,40,907	...
Excavating bench and filling with earth above the front embankment of the Beechangi Loop—Repairs.	8,069	...
Bunds in Shikarpur Canals District Repairs.	43,020	...
Garano Canal—Repairs ...	1,256	...
Recording flood through Railway opening between Rohri and Ral—Repairs.	158	...
Mahiwah ... { Works ... / Repairs ...	88	...
Establishment ...	10,687	...
Tools and Plant ...	21,654	...
Share of collection charges ...	2,014	...
Direct Receipts ...	30,350	...
Irrigation share of Consolidated Revenue.	...	2,378
Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	1,81,373
	...	1,701
Total, Shikarpur Canals District ...	2,46,549	1,35,922
Ghar Canals District.		
Providing additional furniture in Public Works Department Inspection Bungalow along the bund line in the Ghar Canals District—Works.	337	...
Constructing pucca Khudda at mile 0—3 of Sukkur Canal for watering Rainja Nursery—Works.	63	...
Improving the Rajua Agazi Bund—Works.	7,000	...
Pitching in Khudda for forest Nursery at Rainja mile 0—3 Rainja Sukkur Canal—Works.	436	...
Ghar Bunds—Repairs ...	12,180	...
Sukkur Canal—Repairs ...	4,081	...
Ghar Canal—Repairs ...	4,138	...
Establishment ...	8,888	...
Tools and Plant ...	143	...
Share of collection charges ...	22,155	...
Direct receipts ...	...	329
Irrigation share of Consolidated Revenue.	...	2,23,301
Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	1,805
Total, Ghar Canals District ...	89,180	2,25,605
Kasachi Canals District.		
Raising and strengthening Bagbar Ubhito Bund—Works.	73,999	...
Raising and strengthening Panch Bagbar Bund—Works.	3,446	...
Constructing a new sluice in mile No. 10—6 of the Bagbar Ubhito to Bund—Works.	5,931	...
Raising and strengthening M. S. Bund—Works.	20,883	...
Raising and strengthening M. S. Bund Left Bank Gangri to Khasbo mile 46—0 10 56—0—Works.	65,972	...
Preparing fresh designs and estimates for the Sukkur Barrage Project—Works.	1,981	...
Raising and strengthening Mal-chand Shah Bund mile 10—1 to 29—1—Works.	4,243	...
Carried over ...	1,73,230	...
	5,15,805	5,04,425

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION AND REVENUE ACCOUNTS				
	In operation.								Works under Construction.	Works not started.	Total.	Works				
	Desert Canal.	Unharwah.	Begári Canal.	Mahiwah.	Eastern Nárn Works.	Mánsúr Canal.	Dúd Canal.	Nánrí Canal.	Naulakhi Canal.	Sehar wah.	Sukkur Barrage works.	Sukkur Canal.	Ghar Canal.	Suitah Canal.	Allahdin Kashmir Canal.	Mirpur Khás Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.																
During the year—																
Direct ...	2,55,370	2,29,607	2,21,464	1,14,106	6,93,267	5,06,038	1,62,915	1,98,142	...	...	...	22,80,909	1,41,971	1,65,624	13,022	—2,156	12,316
Indirect ...	4,759	2,093	12,540	3,973	31,774	31,176	9,720	10,243	...	...	...	1,06,037	2,417	2,775	126	—23	602
Total ...	1,60,129	73,693	2,34,010	1,18,079	7,30,031	5,37,214	1,72,636	2,09,385	...	...	...	23,86,936	1,44,418	1,68,399	13,148	—2,179	12,918
To end of year—																
Direct ...	41,27,777	14,05,283	61,88,515	11,71,831	67,62,126	67,15,305	13,44,647	10,16,232	...	...	...	4,31,79,813	29,41,236	38,36,276	1,55,454	52,857	10,31,103
Indirect ...	66,441	27,490	1,43,839	29,236	3,02,515	3,01,604	60,023	62,127	...	...	...	11,00,236	29,975	2,14,650	1,713	3,613	32,560
Total ...	42,14,218	14,32,772	63,33,345	11,97,067	70,06,641	70,06,909	19,05,639	19,78,359	...	...	...	3,32,80,048	30,21,270	90,50,937	1,57,167	56,470	10,63,663
Net Income.																
During year.	2,29,330	72,467	24,121	—1,21,279	—3,62,754	—1,42,225	—22,145	—96,944	...	...	...	—4,09,279	13,033	5,44,720	4,538	2,393	75,755
To end of year.	38,98,613	31,75,000	1,17,60,225	—65,754	1,45,80,612	73,80,020	6,68,973	8,10,021	...	...	...	4,44,03,812	30,53,906	2,30,58,663	56,021	2,60,500	34,85,639

Works in Sind for, and to end of, 1920-1921—continued.

WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
In operation.													Expenditure.	Net receipts.
Sukkur Barrage.	Fuleli Canal.	Begari Canal.	Total.	Grand Total.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.		Rs.	Rs.
												Brought over ...	8,13,203	4,04,438
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		1,73,380	...
												KARACHI CANALS DISTRICT—contd.		
												Constructing a sluice in the Baghar Uchilo Bund—Works.	1,018	...
												Bunds, Right Bank—Repairs	37,656	...
												Constructing Maho Loop of 1919 to the Baghar Uchito Bund.—Repairs.	28,361	...
14,833	2,01,945	20,542	2,06,684	22,93,633	2,70,598	4,93,113	3,03,339	96,297	1,35,462	42,728	13,40,536	Constructing new Loop; near Kot Ahmadah—Mile No. 18/5 to 20/1 M. S. Bund—Repairs.	38,012	...
518	6,544	942	13,017	1 20,354	...	...	...	...	...	...	...	Bunds, Left Bank—Repairs	122,333	...
												Constructing new retired Belo Loop—Repairs.	26,035	...
15,347	2,10,489	21,184	2,20,301	24,13,987	2,70,598	4,93,113	3,03,339	96,297	1,35,462	42,728	13,40,536	S. R. to new retired Belo Loop—Repairs.	40,248	...
												S. R. to Subordinate's Landhi at Jungbo Juland Inspection Bungalow—Repairs.	138	...
												S. R. to Inspection Bungalow at Jungbo Juland.—Repairs.	63	...
												Filling in breached length along Belo Loop—Repairs.	46,463	...
												Constructing Front Bund miles 36/5 to 36/5 to avoid leaking of water against Belo Loop—Repairs.	9,214	...
												Protecting Belo Loop against wave wash—Repairs.	23,925	...
												Saittab Canal ... { Works ...	1,994	...
												Repairs. ...	4,267	...
632,696	93,19,703	8,44,391	2,33,33,332	5,55,13,145	...	...	...	...	...	...	...	Establishment	2,06,077	...
												Tools and Plant	11,282	...
20,217	2,84,953	10,606	5,43,636	17,43,241	...	...	...	...	...	...	...	Share of collection charges	2,237	...
												Direct Receipts	...	2,297
												Irrigation share of consolidated Revenue.	...	26,920
												Four per cent. on 2/10ths proceeds from sale of occupancy rights in lands.	...	542
6,43,913	96,04,756	3,54,997	2,39,81,338	5,72,01,228	...	...	...	...	...	...	...	Total, Karachi Canals District ...	9,80,161	37,459
												KARACHI BUILDINGS DISTRICT.		
												Making surveys on the Indus River—Works.	9,425	...
												Maintenance and repairs to sluices and gauges and snagging the Indus—Repairs.	1,496	...
												Repairs to Indus River Commission —Repairs.	45	...
												Do. Magazine 1919-1920—Repairs.	45	...
17,237	4,08,560	10,709	11,40,175	7,39,890	73,007	3,39,123	1,42,401	53,783	1,26,057	21,574	8,14,761	Maintenance of sluices, gauges, etc.—Repairs.	21,618	...
												Repairs to store-room at Sukkur—Repairs.	220	...
												Do. Beacons—Repairs ...	250	...
												Do. Assistant Engineer's bungalow at Kotri—Repairs.	300	...
6,45,543	1,29,33,311	3,10,983	4,34,05,747	5,76,11,559	...	...	...	...	...	...	...	Establishment	6,173	...
												Tools and Plant	345	...
												Direct Receipts	...	541
												Total, Karachi Buildings District...	39,928	541
												Carried over ..	15,33,092	4,42,438

	MAJOR WORKS—PRODUCTIVE WORKS.												MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under construction.		Works not started.		Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahi-wáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sehar-wah.	Sakkur Barrage works.	Total.	Sukkur Canal.	Ghár Canal.	Sultáh Canal.	Alibahar Kacheri Canal.	Marala Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.																	
During year.	33,564	25,559	83,197	45,214	2,41,717	2,96,614	84,979	59,915	170	1,221	326	9,24,155	...	...	...	...	...
To end of year.	29,41,480	7,83,557	32,64,094	8,78,008	1,08,87,051	67,32,122	17,50,528	11,62,519	3,138	1,744	262 ~~393~~	2,84,04,503	...	...	...	...	...

Works in Sind for, and to end of, 1920-1921—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.						
In operation.											
Sur-frumah.	Fuleli Canal.	Hasan-ali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.

	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	15,32,082	4,42,459
WESTERN NARA DISTRICT.		
Constructing earthen platform for stacking abkalani stores on the Bunds in the Western Nara District—Works.	2,269	...
Additions and alterations to P. W. Inspection bungalow at Dadu—Works.	125	...
Nara Bunds ... Works	594	...
Nara Bunds ... Repairs	1,34,666	...
Constructing a sluice in the Gap Bund at mile 0—15—Works.	1,491	...
Manjhand Bund Works	75	...
Manjhand Bund Repairs	1,702	...
S. B. to Western Nara Bunds miles 23 to 40 in Dumbro Sub division—Repairs.	12,613	...
Establishment	23,701	...
Tools and plant	1,588	...
Share of collections charges	1	...
Direct Receipts	...	362
Irrigation share of consolidated Revenue.	...	15
Four per cent. on 9/10ths proceeds from sale of occupancy rights in lands.	...	20
Total, Western Nara District ...	1,78,825	397
NASRAT CANALS DISTRICT.		
Chowki at Daulatpur. Works	366	...
Chowki at Daulatpur. Repairs	1,797	...
Providing Canal Chowki furniture in the P. W. D. Inspection bungalows in Nasrat Canals—Works.	12	...
Extension of the Naulakhi Bhorti Bund—Works.	2,296	...
Dad Canal ... Works	4,608	...
Dad Canal ... Repairs	23,211	...
Nasrat Canal ... Works	196	...
Nasrat Canal ... Repairs	10,709	...
Repairs to Bunds in the Nasrat Canals District—Repairs.	5,461	...
Raising and Repairing bund round Daulatpur Chowki—Repairs.	529	...
Establishment	14,731	...
Tools and Plant	319	...
Share of collection charges	13,115	...
Direct Receipts	...	3,642
Irrigation share of consolidated Revenue.	...	1,52,225
4 per cent on 9/10ths proceeds from sale of occupancy rights in lands.	..	395
Total, Nasrat Canals District ...	77,350	1,56,763
Carried over ...	17,89,257	6,99,598

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.												MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under construction.		Works not started.	Total.	Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Járiráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Seharwah.	Sukkur Barrage Works.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibahar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Net profit after paying Interest.																	
During year	1,40,826	46,928	−46,073	−1,67,193	−5,04,471	−4,37,849	−1,07,127	−1,56,759	−170	−1,221	−326	−13,33,405	...	...	...	...	...
To end of year.	29,67,033	23,81,443	85,05,132	−9,43,762	36,08,702	8,26,898	−3,61,655	−3,52,478	−3,138	−1,744	−263	1,60,01,309	...	...	...	...	...

Works in Sind for, and to end of, 1920-1921—concluded.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.				Grand Total.	Shikarpur Canals District.	Western Nara District.	Karachi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.		Expenditure.	Receipts.
Sukkur Barrage Canal.	Fuleli Canal.	Hasanali Canal.	Total.											
												Brought over	Rs. 17,39,257	Rs. 5,90,028
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	HYDERABAD CANALS DISTRICT.		
												Repairs to Ren Bunds—Repairs ...	1,535	...
												Allahbar Kachori—Repairs	5,958	...
												Morak Great—Repairs	19,857	...
												Sarfarwah—Repairs	4,557	...
												Establishment	6,004	...
												Tools and Plant	15	...
												Share of collection charges	9,675	...
												Direct Receipts	...	2
												Irrigation share of consolidated Revenue	...	25,748
												Total, Hyderabad Canals District...	41,754	25,750
...	...	...	...	...	...	...	...	...	...	...	...	FULELI CANALS DISTRICT.		
												Improvements to Gidu Bund from mile 0 to 0-5—Works	2,722	
												Furnishing Public Works Inspection bungalow in the Fuleli Canals District—Works	320	
												Increasing height and section of Jamshoro Front Bund, to conform with the Indus River Commission rule—Works	40	
												Fuleli Canal—Repairs	74,913	
												Hasanali Canal. { Works	617	
												{ Repairs	1,563	
												Strengthening the Gidu and mile 0-5 to 1-4—Repairs	29,408	
												Jamshoro Front Bund—Repairs ...	5,020	
												River Bunds—Repairs ...	35,035	
												Ghallian Bund—Repairs	23,301	
												Hajipur Bund—Repairs	695	
												Establishment	46,736	
												Tools and Plant	214	
												Share of collection charges	24,872	
												Direct Receipts	...	444
												Irrigation share of consolidated Revenue	...	2,50,250
												Four per cent. on 9/16ths of proceeds from sale of occupancy rights in lands	...	92
												Total, Fuleli Canals District ...	2,46,802	2,50,716
...	...	...	...	...	...	...	...	...	...	...	...	EASTERN NARA DISTRICT.		
												Surveying the proposed new head to Khipra—Works	149	...
												Preliminary expenses in connection with investigation and framing a project for building weirs across the Nara for the Khipra Nara Canal—Works	99	...
												Establishment	79	...
												Tools and plant	2	...
												Share of collection charges	344	...
												Irrigation share of consolidated Revenue	...	3,444
												Total, Eastern Nara District ...	673	3,444
												Grand Total ...	20,78,482	9,49,938

S. A. VANESHWAR,
Assistant Accountant General.

STATEMENT

Statement of Area irrigated by Irrigation Works

Name of Canal.	Area Irrigated in Acres.			Net Area Irrigated after deducting Area in which Remissions were granted.			Number of Days the Canal was in Flow.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9
MAJOR WORKS.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Days.	Days.
PRODUCTIVE WORKS.							*Indus Right*	
Shikárpur Canals District. — Máhiwáh	45,238	6,377	51,615	34,622	5,920	40,542	80	
Begári Canals District. — Desert Canal	107,642	80,482	188,124	94,097	74,965	169,062	158	
Unhérwáh	61,494	18,852	70,346	41,279	16,499	57,778	106	
Begári Canal	179,795	58,641	238,436	123,763	67,636	186,399	138	
MINOR WORKS.								
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
Ghár Canals District. — Sukkur Canal	65,178	30,538	95,716	58,249	30,113	88,362	107 | 138	
Ghár Canal	227,146	76,785	303,931	206,196	75,745	283,931	142	
Karáchi Canals District. — Suttah Canal	14,680	978	15,658	11,459	810	12,269	96	
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Shikárpur Canals District. — Canals in Rohri... ...	36,726	5,786	42,512	27,288	5,077	32,365	78	
Hindi Canal	55,791	8,396	64,187	41,617	8,097	49,714	113	
Rajib Canal	5,650	2,059	7,715	2,852	2,059	4,911	68	
Dhiki Canal	4,760	2,758	7,518	3,142	2,738	5,881	79	
Garang Canal	2,221	1,763	3,984	1,417	1,752	3,169	78	
Western Nára District. — Western Nára (including Nára Feeder and Pritchard Canal.	217,114	93,882	310,996	179,032	77,534	256,566	162	
Marri	3,099	1,304	4,403	1,774	1,273	3,027	98	
Dadu Canal	6,690	2,033	8,723	3,925	2,083	6,008		
Phitta Canal	2,281	990	3,271	1,800	787	2,587	112	
Chario Wahur (Aral) including Manchar.)	5,440	18,178	23,587	3,126	12,021	15,147		
Canals north of Kotri ...	6,174	3,802	9,976	5,376	3,534	8,913	90	
Wahurwáh	1,701	1,869	3,570	1,145	1,799	2,944	76	
Karáchi Canals District. — Baghar	32,087	6,300	38,387	25,818	6,290	31,808	132	
Piwyári	84,272	13,364	97,636	66,510	10,766	77,276	124	
Kalri	14,703	2,147	17,019	13,141	2,147	15,288	99	
MAJOR WORKS.								
PRODUCTIVE WORKS.							*Indus Left*	
Jámrão Canal District. — Jámrão Canal	164,155	10,474	1,74,629	157,993	7,124	165,117	150 | 164	
Nasrat Canals District. — Dád Canal	95,914	10,580	106,494	86,805	10,028	96,833	108	
Nasrat Canal	77,157	1,135	78,292	64,425	944	65,369	110	
Eastern Nára District. — Mithráo Canal	59,573	633	60,206	65,407	605	66,012	159 | 27	
Thar Canal	45,014	1,522	46,536	25,552	1,462	27,014	138	
Hiral Canal	13,325	370	13,695	11,153	366	11,519	138	
Khipro Canal	2,117	75	2,192	1,274	39	1,313	68	
MINOR WORKS.								
WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.								
Hyderabad Canals District. — Allahár Kacheri ...	10,122	926	11,048	10,104	909	11,013	109	
Gwat Márak	68,812	5,096	69,508	62,844	5,643	68,487	130	
Sarfráz	23,773	2,057	25,830	23,440	2,057	25,497	121	
Fuleli Canals District. — Fuleli Canal	321,019	63,364	384,383	312,987	60,178	373,165	183 | 182	
Fuleli Canal	16,657	523	*17,180	14,922	504	15,426	113	
WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.								
Nasrat Canals District. — Mehrabwáh	8,390	64	8,454	7,116	64	7,180	91	
Nealakhi	39,201	1,848	41,049	33,075	1,848	34,923	119	
Dambro	10,115	490	10,605	7,127	490	7,617	86	

I.E.
in Sind during the year 1920-1921.

Average Discharge in cubic feet per second.				Area irrigated per cubic foot per second.				Depth of water used on area irrigated.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft. | C. ft.		C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
Bank Division.										
1,131		1,131		46		46		3·87		
2,377		2,377		79		79		4·00		
1,498		1,498		47		47		4·61		
5,589		5,589		43		43		6·42		
1,873 | 160		1,873 | 160		35 | 170		35 | 170		6·1 | 1·6		
5,063		5,063		60		60		4·73		
1,074		1,074		15		15		12·80		
1,337		1,337		32		32		4·81		
1,764		1,764		36		36		6·28		
162		162		48		48		3·46		
162		162		46		46		3·43		
104		104		38		38		4·11		
3,051		3,051		102		102		3·17		
92		92		48		48		4·08		
				Discharges incomplete.						
25		25		131		131		1·71		
				Discharges incomplete.						
86		86		116		116		1·55		
51		51		70		70		2·17		
5,852		Not known.		7		Not known.		37·71		
2,330		2,330		42		42		8·76		
822		822		21		21		9·43		
Bank Division.										
2,396 | 245		2,396 | 245		65·9 | 29·0		65·9 | 29·0		4·8 | 11·3		On account of the silt at the head of the Nara no rabi supply was expected on the Jamrao and the Zamindars were informed that any rabi cultivation done by them would be at their own risk.
2,864		2,864		37		37		5·6		
1,239		1,239		61		61		3·9		
1,370 | 82		1,370 | 82		48 | 7		48 | 7		6·6 | 7·7		
812		812		31		31		3·9		
200		200		56		56		4·2		
41		41		51		51		4·4		
396		396		28		28		7·8		
1,324		1,324		52		52		5·0		
395		395		65		63		3·7		
7,044 | 1,582		6,932 | 1,524		44 | 38		45 | 39		8·0 | 9·0		
494		494		51·2		51·2		7·0		
114		114		74		74		2·4		
785		785		52		52		4·6		
193		193		55		55		3·1		

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind, during the year 1920-1921.

Name of Canal.	Average discharge of the year in cubic feet per second.	Water-rate assessed during 1920-1921. Occupiers.	Owners.	Total, Direct.	Indirect.	Total, Direct and Indirect.	Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses. Per cent. on Gross Revenue.	Working Expenses. Per acre irrigated.	Working Expenses. Per cubic foot per second of Canal Discharge at Canal Head.	90 per cent. of Net Consolidated Assessment. Per acre irrigated.	90 per cent. of Net Consolidated Assessment. Per cubic foot per second of Canal Discharge at Canal Head.	Total Water Rate, Direct and Indirect. Per acre irrigated.	Total Water Rate, Direct and Indirect. Per cubic foot per second of Canal Discharge at Canal Head.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	C. ft.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Works.																
Productive Works.																
Sidhnai Canal District. Mahiwah	1,131	563	...	563	1,02,368	1,02,931	1,06,567	1,32,351	50,196	130·72	2·77	123·24	1·97	87·48	2·05	91·05
Begari Canals District { Desert Canal / Unbarwah / Begari Canals	2,377 / 1,498 / 5,639	36,571 / 173 / 30,017	... / ... / ...	36,571 / 173 / 30,017	3,05,163 / 1,43,710 / 4,32,965	3,41,734 / 1,43,883 / 4,67,582	2,84,429 / 1,45,664 / 4,07,291	1,60,664 / 72,709 / 4,02,734	127,413 / 65,630 / 203,455	40·73 / 50·12 / 80·17	0·90 / 1·08 / 2·18	67·19 / 48·24 / 72·71	2·32 / 2·03 / 2·41	127·45 / 92·33 / 79·41	2·21 / 2·10 / 2·29	185·22 / 98·10 / 83·87
Jamrao Canal District.	1,364	1,338	...	1,338	5,53,492	5,53,830	6,01,922	5,36,591	172,707	89·19	2·09	411·73	2·79	369·79	3·19	435·71
Nasrat Canals District. { Dad Canal / Nasrat Canal	2,264 / 1,288	1,593 / 128	... / ...	1,593 / 128	2,47,110 / 1,96,381	2,48,703 / 1,96,464	2,50,748 / 2,06,330	2,17,445 / 2,29,286	109,151 / 78,162	86·72 / 111·09	2·10 / 2·93	73·62 / 117·84	2·43 / 2·36	83·30 / 143·40	2·41 / 2·35	86·29 / 154·76
Eastern Nara District. { Mithrao Canal / Thar Canal / Eastern Nara / Hirul Canal	1,183 / 513 / ... / 200	265 / 1,171 / 2,026 / ...	... / ... / ... / ...	265 / 1,171 / 2,026 / ...	1,84,401 / 79,531 / 93,461 / 49,747	1,84,666 / 80,705 / 95,488 / 49,747	1,90,859 / 82,800 / 98,218 / 54,852	1,81,901 / 81,767 / 4,31,694 / 33,956	99,002 / 47,990 / 51,102 / 13,807	95·28 / 98·74 / 439·68 / 69·06	2·05 / 1·90 / 8·45 / 2·45	153·76 / 140·63 / 164·47	2·06 / 1·94 / 1·83 / 3·63	152·47 / 97·23 / ... / 238·27	2·05 / 1·87 / 1·83 / 3·63	156·09 / 99·39 / ... / 246·73
Total, Major Works	...	1,34,363	...	1,34,363	23,79,323	25,05,686	25,90,833	24,89,196	10,62,144	96	2·36	...	2·34	...	2·33	...
Minor Works.																
Works for which Capital and Revenue Accounts are kept.																
Ghar Canals District... { Sukkur Canal / Ghar Canal	3,063 / 6,063	917 / 4,849	... / ...	917 / 4,849	2,37,119 / 9,99,621	2,38,036 / 10,04,470	2,41,828 / 9,81,690	1,67,806 / 2,17,208	73,173 / 230,503	65·25 / 24·96	2·16 / 0·92	76·86 / 42·91	3·29 / 3·61	110·08 / 109·14	3·25 / 3·69	116·95 / 172·50
Karachi Canals District.	1,074	87	...	87	23,747	23,834	82,385	21,331	16,615	25·89	1·27	19·87	2·07	29·67	2·19	30·26
Hyderabad Canals District. { Allahabar Kachery / Nasrat Marak / Surfraz	396 / 1,224 / 345	301 / 2,324 / 1,331	... / ... / ...	301 / 2,324 / 1,331	23,836 / 2,96,955 / 55,435	23,837 / 2,99,279 / 56,766	24,200 / 3,76,113 / 55,164	7,074 / 43,345 / 24,939	10,943 / 98,940 / 25,749	29·20 / 11·52 / 44·79	0·65 / 0·44 / 0·96	17·86 / 31·28 / 62·45	2·21 / 2·09 / 2·27	57·31 / 128·72 / 129·47	2·18 / 2·49 / 2·69	60·19 / 130·05 / 139·12
Fuleli Canals District { Fuleli Canal / Hasanali Canal	4,192 / 495	31,247 / 333	... / ...	31,247 / 331	6,97,617 / 45,276	9,29,164 / 45,607	9,54,598 / 44,146	3,38,353 / 24,845	279,578 / 17,140	34·20 / 56·31	0·96 / 1·41	77·99 / 49·53	2·27 / 2·02	209·40 / 89·15	2·15 / 2·56	221·65 / 88·37
Total, Minor Works	...	40,896	...	40,896	23,28,946	23,69,942	24,10,447	8,22,695	5,87,853	34·1	·99	...	2·09	...	2·29	...
Grand Total	...	1,65,158	...	1,65,158	47,08,269	48,75,628	50,01,280	33,11,883	18,50,782	66·21	1·78	...	2·08	...	2·29	...

STATEMENT III—E.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1920-1921.

Description of Crops.		Begári Canals District.								
		Desert Canal.			Unhárwah.			Begári Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		2	3	4	5	6	7	8	9	10
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	26,556	8,35,258	31	2,844	47,958	17	77,952	18,86,203	24
	Jowári	32,307	16,89,310	52	5,503	1,15,340	21	62,653	18,07,218	29
	Bájri	45,432	11,43,553	25	41,603	10,12,607	24	30,459	6,31,401	21
	Cotton	431	1,24,504	283	30	2,546	85	44	2,307	52
	Other crops	2,916	91,159	31	1,511	44,037	29	8,687	2,89,583	33
	Total	107,642	38,83,784	36	51,494	12,22,488	24	179,795	46,16,712	26
Rabi	Wheat	38,396	18,53,737	48	10,747	2,43,358	23	11,711	4,89,861	42
	Barley	33	1,107	33	13	404	31	1	24	24
	Oil-seeds	11,601	4,12,848	36	1,275	25,647	20	5,127	2,10,814	41
	Other crops	30,452	7,63,705	25	6,817	1,33,948	20	41,802	8,74,225	21
	Total	80,482	30,31,397	38	18,852	4,03,357	21	58,641	15,74,924	27
Total under both Heads		188,124	69,15,181	37	70,346	16,25,845	23	238,436	61,91,636	26

Description of Crops.		Begári Canals District—*concluded.*						Shikárpur Canals District.		
		Canals from Káshmor Bund.			Total.			Mahiwáh.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		11	12	13	14	15	16	17	18	19
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	514	7,158	14	107,866	27,76,577	26	5,855	32,320	6
	Jowári	439	11,532	26	100,905	36,23,200	35	25,982	1,95,359	8
	Bájri	1,987	49,258	25	119,481	28,36,819	23	10,514	87,712	8
	Cotton	18	1,381	77	523	1,30,738	249	146	2,191	15
	Other crops	297	2,817	8	13,411	4,27,096	32	2,741	1,18,051	43
	Total	3,255	71,446	22	342,186	97,94,430	28	45,238	4,35,633	10
Rabi	Wheat	1,216	57,774	47	62,070	26,44,780	42	4,720	82,493	17
	Barley	2	63	32	49	1,598	32	20	362	18
	Oil-seeds	27	1,086	38	18,030	6,50,345	36	215	4,895	23
	Other crops	455	7,825	17	79,526	17,79,703	22	1,422	82,960	58
	Total	1,700	66,698	39	159,675	50,76,376	32	6,377	1,70,710	27
Total under both Heads		4,955	1,38,144	28	501,861	1,48,70,806	29	51,615	6,06,343	12

STATEMENT III-E—*continued.*

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.	Canals in Rohri.			Sind Canal.			Rajbh Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	20	21	22	23	24	25	26	27	28
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	3,491	21,033	6	29,891	2,35,522	8	4,162	16,548	4
Kharif ... Jowári ...	26,809	1,33,077	5	19,091	1,74,658	9	1,242	19,872	16
Kharif ... Bájri ...	3,504	22,172	6	2,070	20,036	10	5	90	18
Kharif ... Cotton ...	450	5,070	11	38	1,500	39	8	320	40
Kharif ... Other crops ...	2,472	76,940	31	4,701	1,05,024	22	239	7,170	30
Kharif ... Total ...	36,726	2,58,292	7	55,791	5,36,740	10	5,656	44,000	8
Rabi ... Wheat ...	4,959	1,25,844	25	3,703	80,420	22	961	28,830	30
Rabi ... Barley ...	40	1,115	28	1	10	10	1	20	20
Rabi ... Oil-seeds ...	182	3,580	20	530	3,988	8	58	580	10
Rabi ... Other crops ...	605	20,760	34	4,162	62,008	15	1,039	20,780	20
Rabi ... Total ...	5,786	1,51,299	26	8,396	1,46,423	17	2,059	50,210	24
Total under both Heads ...	42,512	4,09,591	9	64,187	6,83,166	11	7,715	94,210	12

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.	Chitti Canal.			Garang Canal.			Bunds in Rohri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	29	30	31	32	33	34	35	36	37
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	3,267	13,068	4	487	1,948	4	...	...	...
Kharif ... Jowári ...	1,040	16,640	16	1,508	24,128	16	...	...	...
Kharif ... Bájri ...	2	36	18	16	288	18	...	...	...
Kharif ... Cotton ...	...	..	...	1	40	40	...	...	...
Kharif ... Other crops ...	451	13,530	30	209	6,270	30	...	...	...
Kharif ... Total ...	4,760	43,274	9	2,221	32,674	15	...	...	...
Rabi ... Wheat ...	1,141	34,230	30	864	25,920	30	...	...	...
Rabi ... Barley ...	...	...	..	3	60	20	...	...	...
Rabi ... Oil-seeds ...	22	220	10	80	800	10	...	...	...
Rabi ... Other crops ...	1,595	31,900	20	816	16,320	20	...	...	...
Rabi ... Total ...	2,758	66,350	24	1,763	43,100	24	...	...	...
Total under both Heads ...	7,518	1,09,624	15	3,984	75,774	19	...	...	...

STATEMENT III-E—*continued.*

Description of Crops.	Shikárpur Canals District—*concluded.*								
	Sukkur Begári Bund.			Kásimpur Bund.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	38	39	40	41	42	43	44	45	46
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	2,316	9,264	4	...	...	...	49,469	3,29,703	7
Kharif — Jowári	1,677	26,478	16	566	3,962	7	77,915	5,94,174	8
Kharif — Bájri	41	482	12	...	...	...	16,152	1,30,816	8
Kharif — Cotton	19	760	40	1	7	7	663	9,888	15
Kharif — Other crops	153	4,510	29	38	1,140	30	11,004	3,32,635	30
Kharif — Total	4,206	41,494	10	605	5,109	8	155,203	13,97,216	9
Rabi — Wheat	2,934	85,630	3	65	1,950	30	19,347	4,65,317	24
Rabi — Barley	7	140	20	...	...	...	72	1,707	24
Rabi — Oil-seeds	279	2,790	10	...	...	...	1,366	16,853	12
Rabi — Other crops	2,387	45,736	20	436	8,720	20	12,362	2,89,184	23
Rabi — Total	5,507	1,34,296	24	501	10,670	21	33,147	7,73,061	23
Total under both Heads	9,713	1,75,790	18	1,106	15,779	14	188,350	21,70,277	11

Description of Crops.	Ghár Canals District.								
	Sukkur Canal.			Ghár Canal.			Ghár Bunds.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	47	48	49	50	51	52	53	54	55
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	47,406	4,94,642	10	199,324	32,85,686	16	12	48	4
Kharif — Jowári	14,411	1,64,642	11	21,453	2,77,330	13	132	1,683	13
Kharif — Bájri	407	2,612	6	974	6,285	6	2	23	12
Kharif — Cotton	20	550	25	39	300	8	...	...	...
Kharif — Other crops	2,934	21,109	7	5,356	41,195	8	147	3,277	22
Kharif — Total	65,178	6,83,555	10	227,146	36,10,796	16	293	5,031	17
Rabi — Wheat	13,569	2,98,316	22	14,812	2,23,128	16	208	5,442	26
Rabi — Barley	8	124	16	13	113	9	1	20	20
Rabi — Oil-seeds	2,955	36,573	12	13,268	83,330	6	7	35	5
Rabi — Other crops	14,006	1,12,922	8	48,642	1,81,251	4	31	532	17
Rabi — Total	30,538	4,47,935	15	76,235	4,87,822	6	247	6,029	24
Total under both Heads	95,716	11,31,490	12	303,381	40,98,618	13	540	11,060	20

STATEMENT III-E—*continued.*

Description of Crops.		Ghár Canals District—*concld.*			Karachi Canals District.			Western Nára District.		
		Total.			Canals and Bunds.			Canals and Bunds.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		56	57	58	59	60	61	62	63	64
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	246,742	37,80,376	15	205,527	1,64,42,160	80	191,056	41,76,401	22
	Jowári	35,996	4,43,655	12	477	57,240	120	44,413	7,72,601	17
	Bájri	1,383	3,920	6	7,774	9,32,880	120	4,304	3,34,813	78
	Cotton	59	850	14	20	400	20	254	4,572	18
	Other crops	8,437	65,581	8	4,603	7,36,480	160	4,563	86,790	19
	Total	292,617	42,99,382	15	218,401	1,81,69,160	83	244,590	53,75,177	22
Rabi	Wheat	28,089	5,26,886	19	132	21,120	160	34,926	9,43,989	28
	Barley	22	257	11	4,195	4,19,500	100	1,174	14,099	12
	Oil-seeds	16,280	1,19,938	7	13,278	15,93,360	120	28,928	2,23,981	8
	Other crops	62,679	2,94,705	5	12,322	19,69,840	160	58,352	7,98,362	14
	Total	107,020	9,41,786	9	29,927	40,03,820	134	122,775	19,80,431	16
Total under both Heads		399,637	52,41,168	13	248,328	2,21,72,980	89	367,365	73,55,608	20

Description of Crops.		Indus Right Bank Division.			Northern and Southern Jámra'o Canal Districts.			Eastern Nára District.		
		Total.			Jámrao Canal.			Nára Supply Channel.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		65	66	67	68	69	70	71	72	73
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	800,660	2,75,05,217	34	16	256	16	1,228	6,140	5
	Jowári	259,706	54,90,870	21	4,827	1,00,354	20	631	4,417	7
	Bájri	149,094	42,44,248	28	44,756	9,53,211	21	13	45	3
	Cotton	1,519	1,46,448	96	108,072	37,04,025	34	12	84	7
	Other crops	42,018	16,48,582	39	6,484	1,42,288	22	150	4,500	30
	Total	1,252,997	3,90,85,365	31	164,155	49,00,184	29	2,034	15,186	7
Rabi	Wheat	143,984	46,02,042	32	5,206	80,011	15	6,747	2,02,410	30
	Barley	5,512	4,37,161	79	248	2,144	9	...	...	...
	Oil-seeds	77,827	26,04,477	34	1,091	7,905	7	665	13,330	20
	Huris	...	...	...	1,809	1,905	1	...	...	...
	Other crops	225,241	51,31,794	23	2,120	47,287	22	2,696	53,920	20
	Total	452,544	1,27,75,474	28	10,474	1,39,252	12	10,108	2,69,660	27
Total under both Heads		1,705,541	5,18,10,839	30	174,629	50,39,386	20	12,142	2,84,846	23

STATEMENT III-E—*continued.*

Description of Crops.		Eastern Nára District—*continued.*								
		Eastern Nára.			Mithráo Canal.			Thar Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		74	75	76	77	78	79	80	81	82
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	13,749	3,36,449	24	38,010	8,58,589	23	38,280	21,05,400	55
	Jowári	49	868	3	423	3,156	7	42	924	22
	Bájri	13,123	1,20,848	9	15,396	1,35,625	9	1,114	26,736	24
	Cotton	3,767	60,200	16	35,374	6,69,510	19	2,190	43,800	20
	Other crops	147	2,183	15	370	4,531	12	388	10,347	22
	Total	30,835	5,20,043	17	89,573	16,71,411	19	42,014	21,87,207	52
Rabi	Wheat	5,569	1,11,385	26	76	1,052	14	697	12,778	18
	Barley	126	1,890	11	...	...	...	15	140	9
	Oil-seeds	1,037	6,664	6	111	930	8	294	1,470	5
	Huris	25	150	6	161	1,324	8	122	244	2
	Other crops	673	6,307	9	284	2,750	10	394	13,133	33
	Total	7,430	1,25,846	17	632	6,066	10	1,522	27,765	18
Total under both Heads		38,265	6,45,888	17	90,205	16,77,477	19	43,536	22,14,972	50

Description of Crops.		Eastern Nára District—*continued.*					
		Khipro Canal.			Hiral Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		83	84	85	86	87	88
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	318	10,534	33	6,499	1,10,483	17
	Jowári	1	9	9	5	36	7
	Bájri	1,789	18,114	10	3,276	34,903	11
	Cotton	...	...	...	3,425	54,800	16
	Other crops	9	135	15	120	1,800	15
	Total	2,117	28,792	14	13,325	2,01,722	15
Rabi	Wheat	48	1,104	23	133	1,011	5
	Barley	...	...	...	2	8	4
	Oil-seeds	10	106	11	168	546	3
	Huris	8	42	6	...	...	...
	Other crops	9	90	10	12	120	10
	Total	75	1,348	18	370	1,685	5
Total under both Heads		2,192	30,140	14	13,695	2,03,407	15

STATEMENT III-E—*continued.*

Description of Crops.		Eastern Nára District—*concld.*			Nasrat Canals District.					
		Total.			*Dad Canal.			Nasrat Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		89	90	91	92	93	94	95	96	97
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	98,064	34,27,595	35	28,036	3,01,913	11	261	838	3
	Jowári ...	1,151	8,910	8	25,232	4,83,602	19	24,053	2,08,598	9
	Bájri ...	34,711	3,35,966	9	29,206	4,01,046	14	21,366	1,88,030	9
	Cotton ...	44,768	8,28,394	18	8,038	2,47,986	31	21,057	6,41,079	30
	Other crops ...	1,184	23,496	20	5,402	1,25,380	23	10,420	1,41,865	14
	Total ...	179,898	46,24,361	26	95,914	16,59,927	16	77,157	11,80,210	15
Rabi	Wheat ...	13,325	3,29,690	25	4,096	1,01,701	25	295	9,440	32
	Barley ...	143	1,538	11	560	13,043	23	1	16	16
	Oil-seeds ...	2,285	23,048	10	2,181	41,997	19	161	3,110	19
	Huris ...	316	1,776	5	...	...	...	...	...	...
	Other crops ...	4,058	76,320	19	3,743	49,623	13	678	8,499	13
	Total ...	20,137	4,32,370	21	10,580	2,06,364	19	1,135	21,065	19
Total under both Heads ...		200,035	50,56,731	25	106,494	17,66,291	16	78,292	12,01,275	17

* Includes Ren Distributary in charge of the Executive Engineer, Hyderabad Canals District.

Description of Crops.		Nasrat Canals District—*concluded.*						Hyderabad Canals District.		
		Other Canals.			Total.			Alibahar Kacheri.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		98	99	100	101	102	103	104	105	106
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	10,333	52,247	5	38,630	3,54,992	9	453	5,400	12
	Jowári ...	31,707	2,34,794	7	80,992	9,26,994	11	629	8,929	14
	Bájri ...	14,728	1,05,740	7	65,300	6,94,816	11	6,739	97,720	15
	Cotton ...	1,748	25,385	15	30,843	9,14,450	30	2,158	77,198	38
	Other crops ...	2,499	52,224	21	18,321	3,19,269	17	143	3,331	23
	Total ...	61,015	4,70,384	8	234,086	32,10,521	14	10,122	1,92,578	19
Rabi	Wheat ...	2,176	53,133	24	6,567	1,64,274	25	275	8,175	29
	Barley ...	129	1,407	11	690	14,466	21	...	...	...
	Oil-seeds ...	151	5,736	38	2,493	50,843	20	110	3,000	27
	Other crops ...	765	15,925	21	5,186	74,047	14	551	6,340	12
	Total ...	3,221	76,201	24	14,936	3,03,630	20	936	17,515	19
Total under both Heads ...		64,236	5,46,585	9	249,022	35,14,151	14	11,058	2,10,093	19

STATEMENT III-E—*continued.*

Description of Crops.	Hyderabad Canals District—*continued.* Great Mark. Area irrigated.	Great Mark. Estimated value.	Great Mark. Value per acre.	Sarfraz. Area irrigated.	Sarfraz. Estimated value.	Sarfraz. Value per acre.	Other Canals. Area irrigated.	Other Canals. Estimated value.	Other Canals. Value per acre.
1	107	108	109	110	111	112	113	114	115
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	8,511	2,25,720	26	1,394	27,208	20	1,091	19,433	18
Kharif — Jowári	1,611	25,939	16	297	10,329	35	3,286	64,643	20
Kharif — Bájri	23,140	5,98,054	18	15,402	3,91,040	25	81,324	19,62,846	24
Kharif — Cotton	19,479	8,10,351	42	5,775	1,76,690	31	34,658	7,12,996	21
Kharif — Other crops	1,071	32,111	30	905	40,389	45	4,251	1,62,964	38
Kharif — Total	63,812	16,92,175	27	23,773	6,45,656	27	124,610	29,22,882	23
Rabi — Wheat	704	24,260	34	661	17,035	26	3,265	97,760	30
Rabi — Barley	1	21	21	1	10	10	1	20	20
Rabi — Oil-seeds	298	6,681	22	82	2,695	33	636	18,798	30
Rabi — Other crops	4,693	58,682	13	1,313	30,940	24	15,060	2,88,472	19
Rabi — Total	5,696	89,644	16	2,057	50,710	25	18,962	4,05,050	21
Total under both Heads	69,508	17,81,819	26	25,830	6,96,366	27	143,572	33,27,932	23

Description of Crops.	Hyderabad Canals District—*concluded.* *Total. Area irrigated.	*Total. Estimated value.	*Total. Value per acre.	Fulleli Canals District. Fulleli Canal. Area irrigated.	Fulleli Canal. Estimated value.	Fulleli Canal. Value per acre.	Hasanali Canal. Area irrigated.	Hasanali Canal. Estimated value.	Hasanali Canal. Value per acre.
1	116	117	118	119	120	121	122	123	124
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif — Rice	11,449	2,77,761	24	235,574	46,62,332	20	14,119	2,82,380	20
Kharif — Jowári	5,821	1,09,340	19	2,818	88,416	31	109	2,180	20
Kharif — Bájri	136,605	30,49,660	22	56,677	15,74,909	28	2,102	52,550	25
Kharif — Cotton	62,070	17,77,235	29	17,938	6,40,316	36	139	1,807	13
Kharif — Other crops	6,370	2,38,795	37	8,012	3,28,535	41	188	11,328	60
Kharif — Total	222,315	54,53,291	25	321,019	72,94,508	22	16,657	3,50,240	21
Rabi — Wheat	4,905	1,47,260	30	17,682	3,00,908	17	...	...	...
Rabi — Barley	3	51	17	1,631	26,612	16	13	195	15
Rabi — Oil-seeds	1,126	31,174	27	25,643	4,23,306	17	36	1,080	30
Rabi — Other crops	21,619	3,84,434	17	18,407	4,00,257	22	472	3,316	7
Rabi — Total	27,653	5,62,919	20	63,363	11,51,084	18	521	4,591	9
Total under both Heads	249,968	60,16,210	27	384,382	84,45,592	22	17,178	3,54,831	20

* Excludes Rea distributary in corporated with Dad Canal in Nasrat Canals District.

STATEMENT III-E—*concluded.*

Description of Crops.		Fuleli Canals District—*concluded.*					
		Other Canals.			Total.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		125	126	127	128	129.	130
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	15,860	5,07,100	32	235,553	54,51,812	21
	Jowári	176	6,630	37	3,103	97,226	31
	Bájri	7,505	2,53,845	34	66,284	18,81,304	28
	Cotton	631	16,678	26	18,708	6,58,796	35
	Other crops	284	17,734	63	8,484	3,57,592	42
	Total	24,456	8,01,982	32	362,132	84,46,730	23
Rabi	Wheat	114	3,765	33	17,796	3,04,673	17
	Barley	31	1,905	61	1,675	28,713	17
	Oil-seeds	835	77,990	93	26,514	5,02,378	19
	Other crops	828	17,935	22	19,707	4,21,508	21
	Total	1,808	1,01,595	56	65,692	12,57,270	18
Total under both Heads		26,264	9,03,577	34	427,824	97,04,000	23

Description of Crops.		Indus Left Bank Division.			Grand Total for Sind.		
		Total.					
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		131	132	133	134	135	136
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice	413,782	95,12,416	23	1,214,392	3,70,17,833	30
	Jowári	95,894	12,43,324	13	355,600	67,34,194	19
	Bájri	347,656	69,14,957	19	496,750	1,11,59,205	22
	Cotton	264,461	78,82,900	30	265,980	80,29,348	30
	Other crops	40,843	10,81,440	26	82,861	27,30,022	33
	Total	1,162,586	2,66,35,037	23	2,415,583	6,56,70,402	27
Rabi	Wheat	47,799	10,25,908	21	191,763	56,27,950	29
	Barley	2,759	46,912	17	8,271	4,84,073	58
	Oil-seeds	33,509	6,15,844	18	111,336	32,19,821	28
	Huris	2,125	3,681	2	2,125	3,681	2
	Other crops	52,700	10,03,596	19	277,941	61,35,390	22
	Total	138,892	26,95,441	20	591,436	1,54,70,915	26
Total under both Heads		1,301,478	2,93,30,478	22	3,007,019	8,11,41,317	27

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable Area commanded by the Irrigation Works in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelát Territory.	513,195	276,920	93,582	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total ..	281,493
Upper Sind Frontier.	1,722,979	1,237,285	462,260	3	Desert Canal	287,492
				4	Unharwáh	214,056
				5	Begári Canal	436,887
				6	Canals from Kashmor Bend ...	29,401
				7	Sukkur Canal	50,613
				8	Ghár Canal	53,714
				9	Sind Canal	4,113
				10	Canals in Rohri	...
					Total ...	1,056,287
Sukkur Collectorate.	3,690,566	1,851,592	360,253	11	Begári Canal	33,334
				12	Sukkur Canal	58,056
				13	Ghár Canal	912
				14	Ghár Bunds	2,940
				15	Mahiwáh	145,445
				16	Sind Canal	186,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitli Canal	18,200
				21	Bunds in Rohri	450
				22	Sukkur-Begári Bund	19,288
				23	Kásimpur Bund	5,000
				24	Nára Supply Channel	25,000
					Total ...	722,352
Lárkána Collectorate.	1,835,361	1,189,816	818,033	25	Begári Canal	300
				26	Sukkur Canal	60,620
				27	Ghár Canal	375,317
				28	Ghár Bunds	220
				29	Sind Canal	60
				30	Western Nára	345,264
				31	New Feeder	1,950
				32	Pritcharl Canal	19,451
				33	Jhakurwah	7,200
				34	Marvi	9,593
				35	Dádu Canal	90,654
				36	Phitta Canal	14,460
				37	Manchar	23,000
				38	Aral	11,000
				39	Nára Bunds	9,793
					Total ...	912,000
Karáchi Collectorate.	5,498,556	1,863,867	283,209	40	Canals north of Kotri	21,720
				41	Bunds north of Kotri	1,150
				42	Kalri	40,317
				43	Baghar	98,201
				44	Pinyári	185,620
				45	Indus Canals, Right Bank	193,701
				46	Indus Canals, Left Bank	84,048
				47	Suttah	34,294
				48	Bunds, Right Bank	804
				49	Bunds, Left Bank	6,778
				50	Other Canals (Mulchand)	13,770
					Total ...	677,533

IV-E.

the years 1919-1920 and 1920-1921 in Sind.

Area at present cultivated as annually irrigated by the works specified in column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1919-1920.			1920-1921.			1919-1920.	1920-1921.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	38,839	9,956	48,795	30,001	16,906	46,907	3 37	1 64	
30,000	22,100	235	22,335	12,947	2,977	15,924	3 59	1 30	
95,000	60,939	10,191	71,130	42,948	19,283	62,231			
120,000	101,703	57,306	159,009	77,641	64,176	141,817	3 37	1 64	
70,000	52,489	38,792	91,281	51,494	18,852	70,346	3 75	1 20	
190,000	136,477	86,888	223,315	126,953	46,736	174,689	3 59	1 30	
4,000	3,513	2,663	6,179	3,255	1,700	4,955	3 07	1 09	
25,587	9,167	7,618	16,785	8,987	6,413	15,400	2 75	0 63	
20,185	11,869	4,868	16,737	11,908	497	12,240	2 78	0 63	
...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	
469,772	314,658	198,088	512,756	276,133	140,314	419,447			
50,000	44,888	18,286	63,176	40,371	6,927	47,798	3 59	1 30	
40,166	20,123	11,719	31,842	18,617	6,813	25,430			
650	152	360	512	172	34	206	3 20	0 31	
1,900	278	312	591	291	213	504			
90,000	40,992	21,824	62,816	45,238	6,377	51,615			
111,372	59,200	27,939	87,139	55,791	8,896	64,187			
63,958	38,250	18,820	57,070	36,726	5,786	42,512			
9,500	3,186	3,247	6,433	2,221	1,763	3,984			
11,500	6,163	4,536	10,699	5,656	2,059	7,715	32 14	4 53	
14,900	5,212	4,622	9,834	4,760	2,758	7,518			
180	80	92	172	...	...	...			
12,000	3,865	5,741	9,607	4,206	5,507	9,713			
4,000	687	663	1,350	605	501	1,106			
13,200	4,293	11,061	15,354	2,034	10,108	12,142	...	...	
422,636	227,211	129,315	356,526	217,183	57,242	274,430			
125	...	...	...	25	...	25	3 59	1 30	
46,359	38,725	23,709	62,434	37,574	17,312	54,886			
321,551	215,162	130,646	345,808	215,171	75,764	290,935	11 79	4 6	
75	...	70	70	2	36	38	...	...	
30	...	...	...	...	...	...			
386,858	201,701	133,997	335,698	207,554	92,747	300,301			
1,500	1,138	596	1,734	723	126	849			
15,260	9,709	2,955	12,664	8,837	1,099	9,936			
4,180	1,801	2,061	3,862	1,701	1,869	3,570			
6,700	2,644	1,717	4,361	3,099	1,304	4,403	3 21	1 83	
21,550	7,320	7,405	14,725	6,690	2,083	8,773			
14,400	2,411	1,328	3,739	2,251	996	3,271			
33,500	1,494	13,984	15,478	3,032	14,372	17,454			
3,000	4,176	10,259	14,435	2,827	3,306	6,133			
7,960	1,527	1,123	2,650	2,106	667	2,773			
759,488	487,746	329,550	817,296	491,172	212,083	703,255			
12,963	5,018	4,282	9,300	6,174	3,802	9,976	3 21	1 83	
50	...	33	33	16	...	16			
78,900	15,685	3,322	19,007	14,862	2,147	17,010	3 57	2 04	
61,300	29,198	7,869	37,067	32,087	6,300	38,387	9 42	2 92	
119,220	94,289	15,987	110,276	84,273	13,264	97,536	21 88	2 88	
49,600	2,4813	8,254	33,067	29,154	4,152	33,306	0 94	3 88	
42,258	35,726	6,828	42,554	35,678	2,871	37,949	20 64	3 56	
17,229	15,966	904	16,870	14,830	978	15,808	23 44	1 96	
580	263	49	307	5,467	330	5,797	10 70	3 03	
4,747	2,959	606	3,565	2,160	285	2,435	17 57	2 26	
5,869	4,297	797	5,094	4,259	630	4,889	...	...	
428,536	228,209	48,931	277,140	228,850	34,359	263,209			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.			Culturable Area commanded by the Irrigation Works, including in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.		
1	2	3	4	5	6		7
	Acres.	Acres.	Acres.				Acres.
Thar and Párkar	8,727,664	4,189,596	815,770	51	Jámráo Canal	621,189	
				52	Eastern Nára	497,312	
				53	Mithráo Canal	413,008	
				54	Khipro Canal	83,845	
				55	Thar Canal	170,346	
				56	Hirsi Canal	47,243	
				57	Ghâro Mahmudo	40,300	
				58	Kari Shumali	26,600	
					Total ...	1,850,343	
Nawabshah Collectorate.	2,495,164	1,684,922	451,994	59	Jamráo Canal	204,364	
				60	Mehrabwah	63,946	
				61	Nasrat Canal	328,163	
				62	Nanhâhi	169,198	
				63	Dámbro	51,290	
				64	Dad Canal	313,669	
				65	Ren Distributary on Dad	12,756	
				66	Rauwah	1,253	
				67	Allahdar Kacheri	42,615	
				68	Great Márak	114,289	
				69	Ghâro Mahmudo	116,034	
				70	Other Canals	24,987	
					Total ...	1,423,560	
Hyderabad Collectorate.	2,833,341	13,57,297	570,072	71	Jámráo Canal	...	
				72	Allahdar Kacheri	2,247	
				73	Great Márak	76,730	
				74	Ghâro Mahmudo	270,700	
				75	Sarfraz	139,400	
				76	Kari Shumali	185,500	
				77	Nasirwah	127,300	
				78	Other Canals	630	
				79	Foleli Canal	1,437,500	
				80	Hasanali Canal	34,000	
				81	Other Canals	26,900	
					Total ...	2,419,807	
	27,217,846	13,650,745	8,836,542		Grand Total ...	9,346,380	

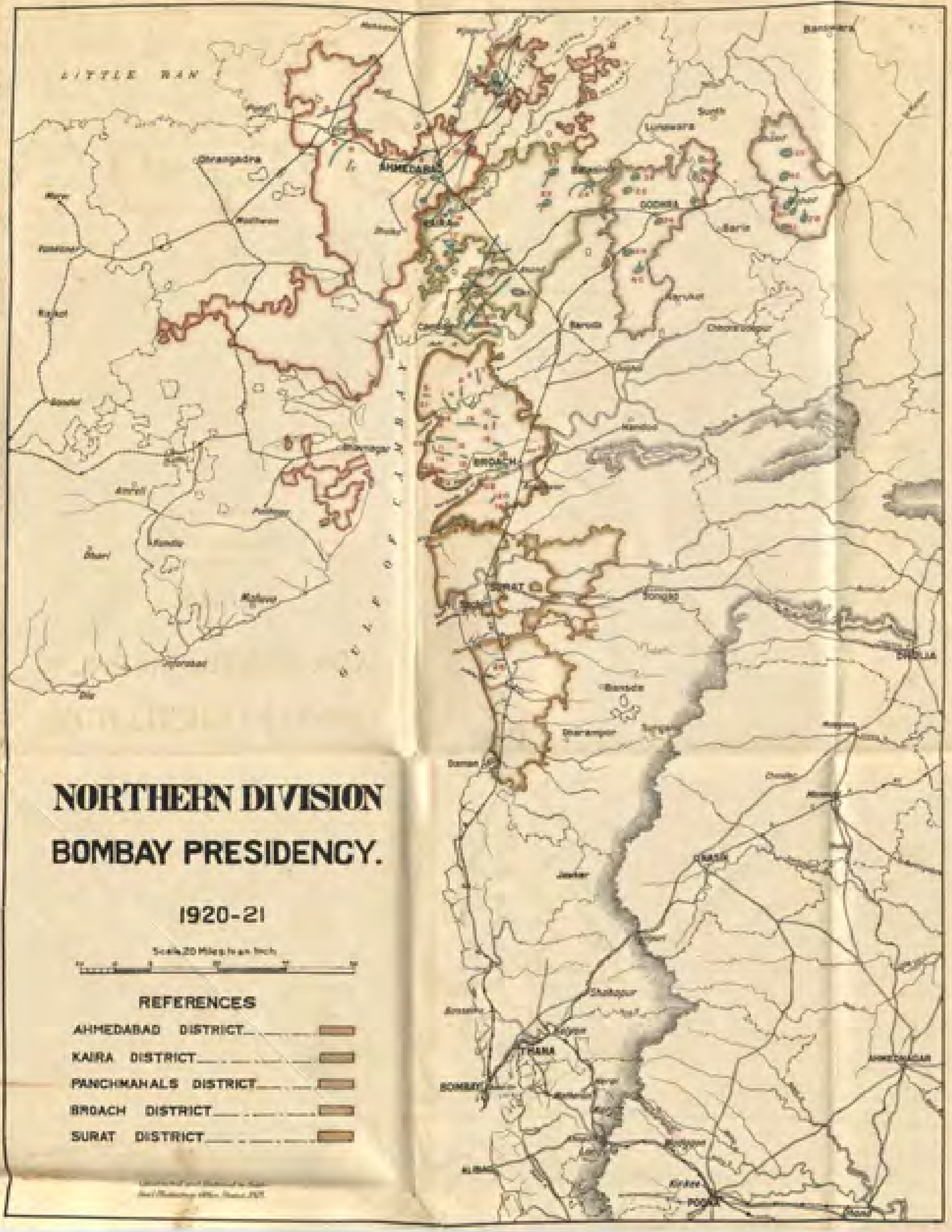
Note.—(1) The difference in the figures of columns 2, 3 and 4 as compared with
(2) The variations from last years figures in Column 7 especially in the irrigation shown in the survey records and therefore

IV-E—*concluded.*

Area at present estimated as annually irrigated by the Works specified in Column 6	AREA IRRIGATED IN ACRES.						RAINFALL		Remarks
	1919-1920.			1920-1921.			1919-1920.	1920-1921.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
207,063	137,344	68,354	205,698	122,658	8,723	131,381	8 32	0 98	
90,000	32,292	10,236	42,528	30,855	7,480	38,285	9 51	1 79	
143,500	96,806	9,439	105,745	89,573	632	90,205	6 75	0 57	
8,000	2,258	108	2,431	2,117	75	2,192	9 54	1 76	
50,000	44,409	7,328	51,737	42,014	1,522	43,536	14 48	3 34	
15,200	15,728	1,977	18,766	13,325	370	13,695	11 69	1 44	
(a)	5,455	203	5,664	4,684	193	4,877	5 03	1 20	(a) Included in Hyderabad Collectorate. Separate figures not available.
(a)	3,924	97	4,021	2,998	91	3,089	5 29	1 25	
515,163	336,772	97,908	434,680	308,204	19,036	327,240			
63,121	44,622	14,467	59,089	41,497	1,751	43,248	3 65	0 19	
8,500	7,168	421	7,589	5,990	64	6,454	2 42	0 72	
85,000	76,820	6,693	83,513	77,157	1,135	78,292	2 39	0 79	
45,000	38,446	9,019	47,465	39,201	1,848	41,049	2 42	0 74	
12,000	10,830	2,710	13,540	10,115	490	10,605	2 50	0 58	
100,000	80,312	15,789	96,101	88,548	9,817	98,365	3 15	0 92	
8,000	6,981	1,169	8,150	7,366	783	8,149	3 01	0 82	
500	236	82	317	253	162	* 415	3 01	0 82	
10,000	8,470	859	9,329	8,709	722	9,425	3 44	0 86	
62,000	59,532	6,685	66,217	57,203	4,690	61,893	3 31	0 72	
23,000	19,573	2,615	22,488	20,469	2,422	22,891	6 03	1 20	
9,200	5,981	3,334	9,295	3,894	1,424	5,318	2 62	0 69	
435,321	358,550	63,443	421,993	362,786	25,288	388,074			
...	5	3	8	...	...	...	...	...	
18,300	1,350	197	1,547	1,419	214	1,633	3 44	0 88	
58,350	6,357	982	7,339	6,932	1,006	7,915	3 51	0 72	
68,300	40,856	9,676	50,532	39,074	10,354	49,428	6 03	1 20	
40,800	22,843	2,554	25,097	23,778	2,057	25,830	6 78	1 36	
43,000	31,257	2,383	33,640	30,071	2,164	32,235	5 29	1 25	
30,250	24,208	3,706	27,974	26,450	2,919	29,371	4 14	1 07	
(b)	8	70	78	27	59	86	...	...	(b) Included in Nawabshah Collectorate. Separate figures not available.
400,000	344,247	57,349	401,596	321,019	69,363	384,382	10 30	1 66	
21,000	18,020	1,580	19,600	16,057	621	17,178	10 36	2 46	
30,000	20,661	2,767	23,428	20,197	1,178	21,375	9 15	1 87	
709,900	509,572	81,273	590,845	485,305	83,828	569,133			
3,763,766	2,522,907	933,599	3,482,266	2,415,586	591,433	3,007,019			

the last year is due to revised figures reported by the Revenue Authorities.

Nawab Shah collectorate are due to the fact that large unassessed numbers have not any settled source of the annual calculations must vary.



NORTHERN DIVISION
BOMBAY PRESIDENCY.

1920-21

Scale 20 Miles to an Inch

REFERENCES

AHMEDABAD DISTRICT
KAIRA DISTRICT
PANCHMAHALS DISTRICT
BROACH DISTRICT
SURAT DISTRICT

GUJARAT IRRIGATION DISTRICT.

Works in Operation.

AHMEDABAD COLLECTORATE.

1. Hathmati Canal.
2. Bokh Reservoir.
3. Panar Dediasan Drainage.
4. Vitamgaon do
5. Narsingpur do
6. Gheda Feeder.
7. Ogan Drain.
8. Drain from Godhavi to Gotaj.
9. Chekhla Drain
10. Khari Cut.
11. Chandola Tank.
12. Vasai Reservoir.

KAIRA COLLECTORATE.

13. Khari Sluices.
14. Gobhaloj Tank.
15. Galki do.
16. Bhoraj Reservoir.
17. Matar Drain.
18. Trunja Tank.
19. Nagrana do.
20. Anand Magri Drain.
21. Karamsad do.
22. Sulat Tank.
23. Susli do.
24. Wangrali do.

PANCHMAHALS COLLECTORATE.

25. Mandelav Tank.
26. Rameshwar do.
27. Mijrolia do.
28. Garbada do.
29. Malan do.
30. Fanelan do.

Incomplete Works.

KAIRA COLLECTORATE.

31. Paniej Tank.
32. Kanbha do.
33. Kamkharia do.

PANCHMAHALS COLLECTORATE.

34. Kanelao Tank.
35. Orwada do.
36. Gomeli do.
37. Rajasta Wandeli Tank.
38. Dangaria do.
39. Bodalra do.
40. Wada Talao.
41. Chharchoda Ambli Tank.
42. Suki River Project.

BROACH DISTRICT.

Works in Operation.

1. Kora Madapur Jawasan Drainage Channel.
2. Nabarumta Kotasar do do
3. Namdhana Nobat do do
4. Amanpur Nadiad do do
5. Sindhav do do
6. Wanetta do do
7. Channel from Uber Vir to meet Chl. near Daba.
8. Kolvan Itola Drainage Channel.
9. Ghamnad Drainage Channel including Dunda and Shimatha.
10. Ninam Channel.
11. Samadhpur Paniadra Channel.
12. Pakhajan Ambhel do
13. Nadida Akhol do
14. Jolva do
15. Ora Vichhad Badalpur do
16. Rahad do
17. Waghusan Drainage do
18. Wansi do
19. Adol Hajat do
20. Asta do
21. Ansara Reclamation Bund.
22. Hansot do do
23. Protective Bund at Kadodra.
24. do do Lakhigam.
25. do do Harinagar.
26. do do Gandhar.

SURAT DISTRICT.

Works in Operation.

27. Morthan Channel.
28. Waghrej Protective Works.

WEST KHANDESH DISTRICT.

Works in Operation

1. Multi Tank.
2. Talwada do
3. Tapti River Minor Tributaries.
4. Upper Panjhra River Group.
5. Lower do do do
6. Borai River Group.
7. Kan do do

Incomplete Work

1. Parmapada Tank.

EAST KHANDESH DISTRICT.

Works in Operation

1. Jamda R. B. Canal.
2. do L. B. do
3. Mhaswa Tank.
4. Hattola do

NASIK IRRIGATION DISTRICT.

Works in Operation

1. Waghad Tank.
2. Chankapur Tank.
3. Khirdisathe do
4. Girna L. B. Canal.
5. Palkhed do
6. Wadali do
7. Ojhar Tambri do
8. Parsul Tank.
9. Girna Group.
10. Aram Group.
11. Mosam do
12. Godavari do
13. Kadwa do
14. Darna do
15. Dur do
16. Mahalongi do
17. Darna Reservoir (Lake Beale)

Works under Construction—Incomplete Works

18. Bhandardara Dam (Lake Arthur Hill)
19. Girna L. B. Canal Extension
20. Odal Tank

PRAVARA CANALS DISTRICT.

Works in Operation

1. Godavari R. B. Canal ..... (from 0 to end)
2. do L. B. do ..... do do
3. Pravara R. B. do ..... do do
4. do L. D. do ..... (completed & in partly in operation.)
5. Lakh Canal ..... (to be abandoned)

AHMEDNAGAR DISTRICT.

Work in Operation

Bhandi Tank

Works under Construction

1. Vinapur Tank
2. Kuntephal do

POONA IRRIGATION DISTRICT.

Works in Operation

1. Nira Canal.
2. Sheephal Tank
3. Lake Fife (Mutha Canals)
4. Matoba Tank
5. Kasurdi do
6. Shirsuphal do
7. Bhadalwadi do

Incomplete Works

8. Khamgaon Tank
9. Varvand Tank

LAKE WHITING DISTRICT.

Work under Construction

New Bhatghar Dam (New Lake Whiting.)

Work in Operation

1. Lake Whiting

LONAND DISTRICT.

Works under Construction

Nira R. B. Canal (from mile 0 to 47.)

Work in Operation

Nil.

MALSIRAS DISTRICT.

Work under Construction

Nira R. B. Canal (from mile 48 to 110).

Work in Operation

1. Mharwad Tank.

Incomplete Works

2. Bhamburdi Tank.
3. Budhihad do

SHOLAPUR DISTRICT.

Works in Operation

1. Ekruk Tank.
2. Ashti do
3. Pathri do
4. Wadhivane Tank
5. Koregaon do

Incomplete Works

1. Hotgi Tank.
2. Mangi do

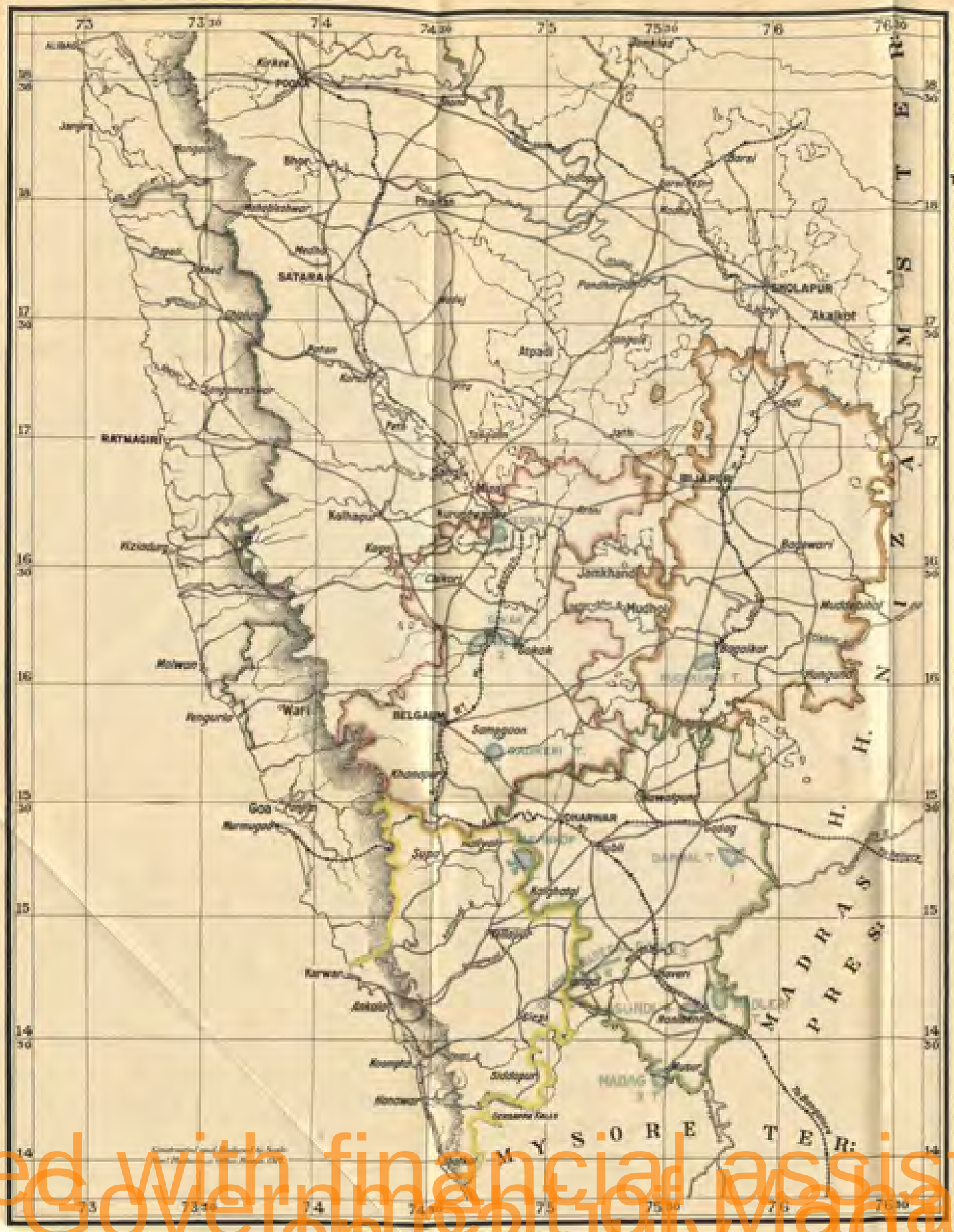
SATARA DISTRICT.

Works in Operation

1. Krishna Canal.
2. Mayul Tank.
3. Upper Man River Works. PINGLI TANK.
4. Yerla River Works. NEHR TANK.
5. Chikhali Canal.
6. Rewadi Canal.

Incomplete Work

Gorgaon Tank.



SOUTHERN DIVISION.

BOMBAY PRESIDENCY.

TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT

1920-21.

Scale 20 Miles to an Inch.

BELGAUM DISTRICT.

Works in Operation.

1. Gadikeri Tank.
2. Gokak Canal—IIIrd Section & Storage Works.
3. Shedbal Tank.

BIJAPUR DISTRICT.

Work in Operation.

1. Muchkundi Tank.

DHARWAR IRRIGATION DISTRICT.

Works in Operation.

1. Dambal Tank.
2. Medleri ....do
3. Madag ....do
4. Asundi ....do
5. Mavinkop do
6. Dharma & Maregal Canals.

ed with financial assistance fr
Government of Maharashtra

INDEX MAP
OF
SIND
TO ACCOMPANY THE IRRIGATION ADMINISTRATION REPORT
1920-21.
SCALE 16 MILES-1 INCH
REFERENCES
Canal District boundaries shown thus
Canals
Railways
Bands
Bands under construction
River gauges
Rain gauges
JACOBABAD
Shikarpur
LARKANA
Mehar
Khairpur Nathanshah
Jaki
Nawabshah
Sehrand
Manjhand
Shahdadpur
Tando Adam
Mirpurkhas
Tando Mahyar
Digri
Tando Rage
Badin
Mirpur Bathoro
Sujawal
Mugabin
Ladon
Thana Bulakhan
Mirpur Sakro
Tarrai
Khairpur
Pandoli
Rohri
Kandhar
Kandiaro
Nawabshah
Nara
Sangha
Khipro
Chachro
Mithi
Nagar Parkar
DUMARKOT
HYDERABAD
KARACHI
BEGARI CANAL
SHIKARPUR CANALS
GHAR CANAL
KHAIRPUR STATE
WESTERN NARA
NARA
NAWABSHAH CANALS
HYDERABAD CANALS
EASTERN NARA
FULELI CANALS
KARACHI CANALS
ARABIAN SEA
RANN OF CUTCH
CUTCH
CUTCH
67°0
68°0
69°0
70°0
71°0